

SAFETY DATA SHEET

Day Break

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Company Name:
Phone:
Fax:
Address:
Website:
Date Printed: 6/9/2016
Emergency Phone:
Name of Preparer: Environmental Dept.

Product Name: Day Break
Product Form: Liquid

CAS No.: N/A
HMIS Codes:

H	F	R	P
1	0	0	B

UN Number: N/A

Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Inhalation Health Risks and Symptoms of Exposure:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Skin Contact Health Risks and Symptoms of Exposure:

Absorption through skin could cause itching, irritation, and rashes.

Eye Contact Health Risks and Symptoms of Exposure:

Contact can cause irritation or burning in eyes.

Ingestion Health Risks and Symptoms of Exposure:

May cause headache, dizziness, and gastrointestinal distress.

Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

GHS Classification: No Hazardous Materials Present

Skin Corr: N/A

Eye Dam.: N/A

Aquatic Acute: N/A

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GHS Labeling: No Hazardous Materials Present

GHS Signal Word: Warning



Other Hazards: No Hazardous Materials Present

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Common Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Name	Product Identifier (CAS No)	%	GHS Classification

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

First – Aid Measures after Skin Contact:

Wash immediately with lots of water (5 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms continue seek medical attention.

First – Aid Measures after Ingestion:

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Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact:

Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye contact:

Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammable Limits in Air by Volume -

Lower: N/A

Method Used: N/A

Upper: N/A

Extinguishing Media:

For Fires involving this product, water spray, carbon dioxide, foam, sand, or dry chemical may be used.

No unsuitable extinguishing media known.

Hazards Arising From the Chemical:

Fire Hazard: None Known

Explosion Hazard: None Known

Reactivity: None Known

Advice for Firefighters:

Precautionary Measures:

Exposure to fire/heat: keep upwind, consider evacuation, have neighborhood close doors and windows.

Firefighting Instructions:

Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

Protection During Firefighting:

Heat/fire exposure: Compressed air/oxygen apparatus.

Special Firefighting Procedures:

Wear full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment: Gloves and Goggles.

Emergency Procedures:

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Mark the danger area. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling & Use, Including Appropriate Hygienic Practices

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Protect against freezing. Provide for a tub to collect spills. Unauthorized persons are not admitted. Meet the legal requirements.

Storage Temperature: Ambient

Prohibitions on Mixed Storage: None Known

Incompatible Products: None Known

Incompatible Materials: None Known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No Hazardous Materials Present

Individual Protection Measures

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment: Avoid all unnecessary exposure.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Corrosion-proof clothing.

Respiratory Protection: NIOSH dust mask when necessary

Other Information: Do not eat, drink, or smoke during use.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Green
Odor: N/A
Odor Threshold: No Data Available
pH: 9-10.5
Melting Point: No Data Available
Freezing Point:
Boiling Point:
Boiling Point Range: No Data Available
Flashpoint: N/A
Evaporation Rate: No Data Available
Flammability (Solid, Gas): No Data Available
Explosive Limits: No Data Available
Vapor Pressure:
Vapor Density @ 20C:
Specific Gravity: 8.577
Solubility: Soluble in water
Partition Coefficient
n-octanol/water: No Data Available
Auto-Ignition Temperature: No Data Available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Possibility of Hazardous Reactions: None Known
Conditions to Avoid: Direct Sunlight. Extremely high or low temperatures.
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition Products: None Known
Hazardous Polymerization: Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

Routes of Exposure

Skin Corrosion/Irritation: May aggravate existing skin conditions upon contact
Serious Eye Damage/Irritation: Irritant to eyes
Respiratory or Skin Sensitization: Possibly irritation to respiratory tract; may aggravate existing conditions
Carcinogenicity: Not Classified
Germ Cell Mutagenicity: Not Classified

No other toxicological information applicable to this product.

Symptoms/Injuries after Inhalation: High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact: Absorption through skin could cause itching, irritation, and rashes.

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Symptoms/Injuries after Eye Contact: Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion: May cause headache, dizziness, and gastrointestinal distress.

Chronic Symptoms: On continuous/repeated exposure/contact: Dry skin. Skin rash/inflammation. Possible inflammation or damage of the respiratory tract tissues.

SECTION 12 – ECOLOGICAL

Toxicity

Ecology – General: None Known

Ecology – Water: None Known

Persistence and Degradability: None Known

Bioaccumulative Potential: Not Applicable

Mobility in Soil: No Additional Information

Other Adverse Effects: Avoid Release to the Environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all regulations regarding disposal. Do not discharge into surface water.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

No Hazardous Materials Present. No Special Shipping Requirements.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

Safety: None Known

Health: None Known

Environmental: None Known

OSHA:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: 6/9/16

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Disclaimer:

The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Chemical Solutions International is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Chemical Solutions International, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

SAFETY DATA SHEET

Glass And All

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Company Name:
Phone:
Fax:
Address:
Website:
Date Printed: 6/9/2016
Emergency Phone:
Name of Preparer: Environmental Dept.

Product Name: Glass And All
Product Form: Liquid

CAS No.: N/A
HMIS Codes:

H	F	R	P
1	0	0	B

UN Number:

Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Inhalation Health Risks and Symptoms of Exposure:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Skin Contact Health Risks and Symptoms of Exposure:

Absorption through skin could cause itching, irritation, and rashes.

Eye Contact Health Risks and Symptoms of Exposure:

Contact can cause irritation or burning in eyes.

Ingestion Health Risks and Symptoms of Exposure:

May cause headache, dizziness, and gastrointestinal distress.

Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

GHS Classification: No Hazardous Materials Present

Skin Corr: N/A

Eye Dam.: N/A

Aquatic Acute: N/A

SAFETY DATA SHEET

GHS Labeling: No Hazardous Materials Present

GHS Signal Word: Warning



Other Hazards: No Hazardous Materials Present

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Common Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Name	Product Identifier (CAS No)	%	GHS Classification

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

First – Aid Measures after Skin Contact:

Wash immediately with lots of water (5 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms continue seek medical attention.

First – Aid Measures after Ingestion:

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Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact:

Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye contact:

Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammable Limits in Air by Volume -

Lower: N/A

Method Used: N/A

Upper: N/A

Extinguishing Media:

For Fires involving this product, water spray, carbon dioxide, foam, sand, or dry chemical may be used.

No unsuitable extinguishing media known.

Hazards Arising From the Chemical:

Fire Hazard: None Known

Explosion Hazard: None Known

Reactivity: None Known

Advice for Firefighters:

Precautionary Measures:

Exposure to fire/heat: keep upwind, consider evacuation, have neighborhood close doors and windows.

Firefighting Instructions:

Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

Protection During Firefighting:

Heat/fire exposure: Compressed air/oxygen apparatus.

Special Firefighting Procedures:

Wear full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment: Gloves and Goggles.

Emergency Procedures:

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Mark the danger area. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling & Use, Including Appropriate Hygienic Practices

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Protect against freezing. Provide for a tub to collect spills. Unauthorized persons are not admitted. Meet the legal requirements.

Storage Temperature: Ambient

Prohibitions on Mixed Storage: None Known

Incompatible Products: None Known

Incompatible Materials: None Known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No Hazardous Materials Present

Individual Protection Measures

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment: Avoid all unnecessary exposure.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Corrosion-proof clothing.

Respiratory Protection: NIOSH dust mask when necessary

Other Information: Do not eat, drink, or smoke during use.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Clear blue
Odor: Window
Odor Threshold: No Data Available
pH: 10.3-11.5
Melting Point: No Data Available
Freezing Point:
Boiling Point:
Boiling Point Range: No Data Available
Flashpoint: N/A
Evaporation Rate: No Data Available
Flammability (Solid, Gas): No Data Available
Explosive Limits: No Data Available
Vapor Pressure:
Vapor Density @ 20C:
Specific Gravity: 8.285
Solubility: Soluble in water
Partition Coefficient
n-octanol/water: No Data Available
Auto-Ignition Temperature: No Data Available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Possibility of Hazardous Reactions: None Known
Conditions to Avoid: Direct Sunlight. Extremely high or low temperatures.
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition Products: None Known
Hazardous Polymerization: Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

Routes of Exposure

Skin Corrosion/Irritation: May aggravate existing skin conditions upon contact
Serious Eye Damage/Irritation: Irritant to eyes
Respiratory or Skin Sensitization: Possibly irritation to respiratory tract; may aggravate existing conditions
Carcinogenicity: Not Classified
Germ Cell Mutagenicity: Not Classified

No other toxicological information applicable to this product.

Symptoms/Injuries after Inhalation: High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact: Absorption through skin could cause itching, irritation, and rashes.

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Symptoms/Injuries after Eye Contact: Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion: May cause headache, dizziness, and gastrointestinal distress.

Chronic Symptoms: On continuous/repeated exposure/contact: Dry skin. Skin rash/inflammation. Possible inflammation or damage of the respiratory tract tissues.

SECTION 12 – ECOLOGICAL

Toxicity

Ecology – General: None Known

Ecology – Water: None Known

Persistence and Degradability: None Known

Bioaccumulative Potential: Not Applicable

Mobility in Soil: No Additional Information

Other Adverse Effects: Avoid Release to the Environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all regulations regarding disposal. Do not discharge into surface water.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

No Hazardous Materials Present. No Special Shipping Requirements.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

Safety: None Known

Health: None Known

Environmental: None Known

OSHA:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: 6/9/16

SAFETY DATA SHEET

Disclaimer:

The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Chemical Solutions International is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Chemical Solutions International, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

SAFETY DATA SHEET

Orange Blast

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Company Name:
Phone:
Fax:
Address:
Website:
Date Printed: 6/9/2016
Emergency Phone:
Name of Preparer: Environmental Dept.

Product Name: Orange Blast
Product Form: Liquid

CAS No.: N/A
HMIS Codes:

H	F	R	P
1	0	0	B

UN Number:

Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Inhalation Health Risks and Symptoms of Exposure:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Skin Contact Health Risks and Symptoms of Exposure:

Absorption through skin could cause itching, irritation, and rashes.

Eye Contact Health Risks and Symptoms of Exposure:

Contact can cause irritation or burning in eyes.

Ingestion Health Risks and Symptoms of Exposure:

May cause headache, dizziness, and gastrointestinal distress.

Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

GHS Classification: No Hazardous Materials Present

Skin Corr: N/A

Eye Dam.: N/A

Aquatic Acute: N/A

SAFETY DATA SHEET

GHS Labeling: No Hazardous Materials Present

GHS Signal Word: Warning



Other Hazards: No Hazardous Materials Present

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Common Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Name	Product Identifier (CAS No)	%	GHS Classification

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

First – Aid Measures after Skin Contact:

Wash immediately with lots of water (5 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms continue seek medical attention.

First – Aid Measures after Ingestion:

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Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact:

Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye contact:

Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammable Limits in Air by Volume -

Lower: N/A

Method Used: N/A

Upper: N/A

Extinguishing Media:

For Fires involving this product, water spray, carbon dioxide, foam, sand, or dry chemical may be used.

No unsuitable extinguishing media known.

Hazards Arising From the Chemical:

Fire Hazard: None Known

Explosion Hazard: None Known

Reactivity: None Known

Advice for Firefighters:

Precautionary Measures:

Exposure to fire/heat: keep upwind, consider evacuation, have neighborhood close doors and windows.

Firefighting Instructions:

Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

Protection During Firefighting:

Heat/fire exposure: Compressed air/oxygen apparatus.

Special Firefighting Procedures:

Wear full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment: Gloves and Goggles.

Emergency Procedures:

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Mark the danger area. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling & Use, Including Appropriate Hygienic Practices

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Protect against freezing. Provide for a tub to collect spills. Unauthorized persons are not admitted. Meet the legal requirements.

Storage Temperature: Ambient

Prohibitions on Mixed Storage: None Known

Incompatible Products: None Known

Incompatible Materials: None Known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No Hazardous Materials Present

Individual Protection Measures

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment: Avoid all unnecessary exposure.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Corrosion-proof clothing.

Respiratory Protection: NIOSH dust mask when necessary

Other Information: Do not eat, drink, or smoke during use.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Orange
Odor: Citrus
Odor Threshold: No Data Available
pH: 12 - 13
Melting Point: No Data Available
Freezing Point:
Boiling Point:
Boiling Point Range: No Data Available
Flashpoint: N/A
Evaporation Rate: No Data Available
Flammability (Solid, Gas): No Data Available
Explosive Limits: No Data Available
Vapor Pressure:
Vapor Density @ 20C:
Specific Gravity: 8.452
Solubility: Soluble in water
Partition Coefficient
n-octanol/water: No Data Available
Auto-Ignition Temperature: No Data Available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Possibility of Hazardous Reactions: None Known
Conditions to Avoid: Direct Sunlight. Extremely high or low temperatures.
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition Products: None Known
Hazardous Polymerization: Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

Routes of Exposure

Skin Corrosion/Irritation: May aggravate existing skin conditions upon contact
Serious Eye Damage/Irritation: Irritant to eyes
Respiratory or Skin Sensitization: Possibly irritation to respiratory tract; may aggravate existing conditions
Carcinogenicity: Not Classified
Germ Cell Mutagenicity: Not Classified

No other toxicological information applicable to this product.

Symptoms/Injuries after Inhalation: High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact: Absorption through skin could cause itching, irritation, and rashes.

SAFETY DATA SHEET

Symptoms/Injuries after Eye Contact: Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion: May cause headache, dizziness, and gastrointestinal distress.

Chronic Symptoms: On continuous/repeated exposure/contact: Dry skin. Skin rash/inflammation. Possible inflammation or damage of the respiratory tract tissues.

SECTION 12 – ECOLOGICAL

Toxicity

Ecology – General: None Known

Ecology – Water: None Known

Persistence and Degradability: None Known

Bioaccumulative Potential: Not Applicable

Mobility in Soil: No Additional Information

Other Adverse Effects: Avoid Release to the Environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all regulations regarding disposal. Do not discharge into surface water.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

No Hazardous Materials Present. No Special Shipping Requirements.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

Safety: None Known

Health: None Known

Environmental: None Known

OSHA:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: 6/9/16

SAFETY DATA SHEET

Disclaimer:

The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Chemical Solutions International is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Chemical Solutions International, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

La Floor Intermediate Fg

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Pariser Industries
Address : 91 Michigan Ave
Paterson, NJ 07503
Website : www.Pariserchem.com
Phone : 973-569-9090
Emergency Phone : 1-800-424-9300 (Chemtrec)
Chemtrec Contract : CCN16764

T : 973-569-9090
F : 973-569-9101
Info@Pariserchem.com

Date Printed: 5/27/2015
Name of Preparer: Environmental Dept.

Product Name: La Floor Intermediate Fg
N/A
Product Form: Liquid
Trade Secret Registry # 307554-5812P

CAS No.:

HMIS Codes:

H	F	R	P
1	1	0	B

UN Number:

Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Inhalation Health Risks and Symptoms of Exposure:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Skin Contact Health Risks and Symptoms of Exposure:

Absorption through skin could cause itching, irritation, and rashes.

Eye Contact Health Risks and Symptoms of Exposure:

Contact can cause irritation or burning in eyes.

Ingestion Health Risks and Symptoms of Exposure:

May cause headache, dizziness, and gastrointestinal distress.

Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

GHS Classification: No Hazardous Materials Present

Skin Corr: N/A

Eye Dam.: N/A

Aquatic Acute: N/A

GHS Labeling: No Hazardous Materials Present

GHS Signal Word: Warning



Other Hazards: No Hazardous Materials Present

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Common Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Name	Product Identifier (CAS No)	%	GHS Classification

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim’s condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

First – Aid Measures after Skin Contact:

Wash immediately with lots of water (5 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms continue seek medical attention.

First – Aid Measures after Ingestion:

Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact:

Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye contact:

Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammable Limits in Air by Volume -

Lower: N/A

Method Used: N/A

Upper: N/A

Extinguishing Media:

For Fires involving this product, water spray, carbon dioxide, foam, sand, or dry chemical may be used.

No unsuitable extinguishing media known.

Hazards Arising From the Chemical:

Fire Hazard: None Known

Explosion Hazard: None Known

Reactivity: None Known

Advice for Firefighters:

Precautionary Measures:

Exposure to fire/heat: keep upwind, consider evacuation, have neighborhood close doors and windows.

Firefighting Instructions:

Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

Protection During Firefighting:

Heat/fire exposure: Compressed air/oxygen apparatus.

Special Firefighting Procedures:

Wear full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment: Gloves and Goggles.

Emergency Procedures:

Mark the danger area. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling & Use, Including Appropriate Hygienic Practices

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Protect against freezing. Provide for a tub to collect spills. Unauthorized persons are not admitted. Meet the legal requirements.

Storage Temperature: Ambient

Prohibitions on Mixed Storage: None Known

Incompatible Products: None Known

Incompatible Materials: None Known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No Hazardous Materials Present

Individual Protection Measures

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment: Avoid all unnecessary exposure.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Corrosion-proof clothing.

Respiratory Protection: NIOSH dust mask when necessary

Other Information: Do not eat, drink, or smoke during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Straw Yellow
Odor: Pine
Odor Threshold: No Data Available
pH: 12.5 - 13
Melting Point: No Data Available
Freezing Point:
Boiling Point:
Boiling Point Range: No Data Available
Flashpoint: N/A
Evaporation Rate: No Data Available
Flammability (Solid, Gas): No Data Available
Explosive Limits: No Data Available
Vapor Pressure:
Vapor Density @ 20C:
Specific Gravity: 8.41
Solubility: Soluble in water
Partition Coefficient
n-octanol/water: No Data Available
Auto-Ignition Temperature: No Data Available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Possibility of Hazardous Reactions: None Known
Conditions to Avoid: Direct Sunlight. Extremely high or low temperatures.
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition Products: None Known
Hazardous Polymerization: Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

Routes of Exposure

Skin Corrosion/Irritation: May aggravate existing skin conditions upon contact
Serious Eye Damage/Irritation: Irritant to eyes
Respiratory or Skin Sensitization: Possibly irritation to respiratory tract; may aggravate existing conditions
Carcinogenicity: Not Classified
Germ Cell Mutagenicity: Not Classified

No other toxicological information applicable to this product.

Symptoms/Injuries after Inhalation: High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact: Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye Contact: Contact can cause irritation or burning in eyes.
Symptoms/Injuries after Ingestion: May cause headache, dizziness, and gastrointestinal distress.
Chronic Symptoms: On continuous/repeated exposure/contact: Dry skin. Skin rash/inflammation. Possible inflammation or damage of the respiratory tract tissues.

SECTION 12 – ECOLOGICAL

Toxicity

Ecology – General: None Known

Ecology – Water: None Known

Persistence and Degradability: None Known

Bioaccumulative Potential: Not Applicable

Mobility in Soil: No Additional Information

Other Adverse Effects: Avoid Release to the Environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all regulations regarding disposal. Do not discharge into surface water.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

No Hazardous Materials Present. No Special Shipping Requirements.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

Safety: None Known

Health: None Known

Environmental: None Known

OSHA:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

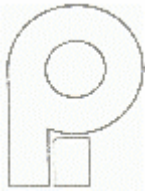
P103: Read label before use.

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: 5/27/15

Disclaimer:

The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Pariser Industries is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Pariser Industries, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.



MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: BC-100
TRADE SECRET REGISTRY #307554-5208P
UN NUMBER : N/A

HMIS CODES: H F R P
1 0 0 B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: PARISER INDUSTRIES
ADDRESS : 91 MICHIGAN AVE
PATERSON, NJ 07503

EMERGENCY PHONE : 800-424-9300 DATE PRINTED : 1/25/2007
INFORMATION PHONE : 973-569-9090 NAME OF PREPARER : ENVIRONMENTAL DEPT

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

pH 1% SOLUTION : 8.2 +/- .5
BOILING RANGE: n/a SPECIFIC GRAVITY (H2O=1): 1.
VAPOR DENSITY: N/A EVAPORATION RATE: N/A
COATING V.O.C.: NOT APPLICABLE MATERIAL V.O.C.: NOT APPLICABLE
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: BLUE ODORLESS LIQUID

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : N/A METHOD USED: n/a
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a UPPER: n/a

EXTINGUISHING MEDIA:
UNIVERSAL FOAM, DRY CHEMICAL, WATER SPRAY/FOG, CLASS BC OR ABC FIRE EXTINGUISHERS.

SPECIAL FIREFIGHTING PROCEDURES
WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WHEN EITHER IN CONFINED AREAS OR EXPOSED TO COMBUSTION PRODUCTS.
USE WATER TO COOL FIRE EXPOSED CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS
N/A



MATERIAL SAFETY DATA SHEET

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SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID
NONE

INCOMPATIBILITY (MATERIALS TO AVOID)
STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
NITROUS OXIDES AND AMMONIACAL VAPORS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE IRRITATION OF THE NOSE AND THROAT. HIGH CONCENTRATION MAY CAUSE COUGHING AND CHOKING.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
CONTINUOUS SKIN CONTACT MAY CAUSE DERMATITIS

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
NONE DETERMINED

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
IF SWALLOWED, CONSULT A PHYSICIAN

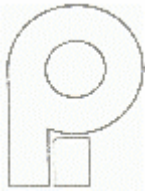
HEALTH HAZARDS (ACUTE AND CHRONIC)
SEE ABOVE

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES

EYES: OBJECT IS TO FLUSH MATERIAL OUT IMMEDIATELY THEN SEEK MEDICAL ATTENTION. IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST SEVERAL MINUTES HOLDING LIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING EYES WITHIN 1 MINUTE IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE. FOOTWEAR SHOULD BE DECONTAMINATED BEFORE REUSE. SEEK MEDICAL ATTENTION IF SYMPTOMS ARE PRESENT. INHALATION: GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR. IF RESPIRATION STOPS, GIVE MOUTH-TO-MOUTH RESUSCITATION. SEEK MEDICAL ATTENTION IF SYMPTOMS ARE PRESENT. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. (IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK). IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. SEEK MEDICAL ATTENTION IMMEDIATELY.



MATERIAL SAFETY DATA SHEET

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

IF MATERIAL IS SPILLED, SWEEP UP INTO SUITABLE DISPOSAL DRUM AND FLUSH AREA WITH WATER.

WASTE DISPOSAL METHOD

IF MATERIAL CANNOT BE SALVAGED, THE PREFERRED METHOD OF DISPOSAL IS IN A SECURE CHEMICAL LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT HANDLE UNLESS THE SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. AVOID EYE AND SKIN CONTACT. AVOID INHALATION OF VAPORS. DO NOT PUNCTURE, DRAG OR SLIDE CONTAINERS. DO NOT SMOKE IN ANY CHEMICAL HANDLING OR STORAGE AREA. WASH HANDS BEFORE EATING. STORE IN A COOL, DRY AND WELL-VENTILATED LOCATION. PROTECT FROM HUMIDITY. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM INCOMPATIBLE MATERIALS.

OTHER PRECAUTIONS

USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST. STORE IN A COOL, DRY WELL VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

NIOSH/MSHA APPROVED RESPIRATOR FOR PARTICULATES. LOCAL EXHAUST, VENTILATE AS REQUIRED.

VENTILATION

GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW TLV. VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF.

PROTECTIVE GLOVES

NEOPRENE GLOVES SHOULD BE WORN. GLOVES MAY BE DECONTAMINATED BY WASHING WITH MILD SOAP AND WATER.

EYE PROTECTION

WEAR CHEMICAL SAFETY GOGGLES PLUS FULL FACE SHIELD TO PROTECT AGAINST SPLASHING.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

PROTECTIVE CLOTHING MAY BE WORN, BUT IS GENERALLY NOT REQUIRED.

WORK/HYGIENIC PRACTICES

WARM WATER SHOWERING, HANDWASHING AND EYEWASH STATIONS ARE RECOMMENDED IN THE WORK AREA. THOROUGHLY WASH WITH SOAP AND WATER BEFORE HANDLING FOOD, SMOKING OR APPLYING MAKEUP. WASH CONTAMINATED CLOTHING AND DRY BEFORE REUSE.

MATERIAL SAFETY DATA SHEET



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SECTION IX - DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE, OBTAINED FROM SOURCES BELIEVED BY PARISER INDUSTRIES, INC., TO BE ACCURATE. AS WITH ALL CHEMICALS, KEEP AWAY FROM CHILDREN, ANIMALS, AND FOOD PRODUCTS. FOR INDUSTRIAL USE ONLY, USE AS DIRECTED.

SECTION X - UN CODE

N/A

Parade Bleach

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Distributor Name	Federated Group, Inc.
Distributor Address	3025 W. Salt Creek Lane Arlington Heights, IL 60005
Reference Number	H12-023 (EPA Reg. No. 70271-24-970)
Manufacturing Company	KIK Custom Products 33 MacIntosh Blvd. Concord, Ontario L4K 4L5 T: 905-660-0444
24 Hour Emergency Contact	1-800-255-3924
Prepared By	Product Development KIK Classic Division
Revised Date	01-31-12 Revision: New

SECTION 2: HAZARD IDENTIFICATION

General Advice: DANGER! CORROSIVE.

May cause severe burns or damage to eyes.

May cause severe skin burns or irritation.

Harmful if swallowed.

Vapor or mist may irritate.

If irritation occurs see a doctor immediately. Keep out of reach of children and pets.

Routes of Exposure: Eyes, Skin, Inhalation, Ingestion

Potential Health Effects:

Eyes: Vapor or mist can be irritation, causing redness. Concentrated vapor, mist or splashed liquid can cause severe irritation, burns or even permanent blindness.

Skin: Contact may produce severe irritation or corrosive skin damage, depending upon length of contact. Under normal consumer use conditions the likelihood of any adverse health effects are low.

Inhalation: Vapor or mist can cause irritation to nose, throat and upper respiratory tract.

Symptoms include: coughing, choking. Severe exposure can result in pulmonary edema and corrosion of tissues in the nose and throat.

Ingestion: Causes severe burns of the mouth, esophagus, and stomach, with consequent pain, nausea, vomiting, diarrhea, circulatory collapse.

Target organs: Eyes. Skin.

Chronic effects: Not known.

Parade Bleach

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>Concentration %</i>	<i>CAS No.</i>	<i>Worker Exposure Limit</i>
Sodium Hypochlorite	6% - 9%	7681-52-9	5800 mg/kg / >10500
Sodium Hydroxide	<1.00%	7647-01-0	Not Established

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes immediately with lukewarm water for at least 20 minutes. Remove contact lenses after first 5 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. See doctor immediately.

Skin: Remove contaminated clothing. Immediately wash the skin with copious amount of lukewarm water for at least 20 - 30 minutes. See doctor immediately.

Inhalation: Move to fresh air immediately and restore breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. See doctor immediately.

Ingestion: DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL! Rinse mouth out with water. Drink 1 or 2 glasses of water, if swallowing is possible. Do not give anything by mouth to a convulsing or unconscious person. See a doctor immediately.

SECTION 5: FIRE FIGHTING MEASURES

This product is neither flammable nor explosive.

Suitable extinguishing media : Treat for surrounding material.

Protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

Parade Bleach

SECTION 6: ACCIDENTAL RELEASE MEASURES

Always contained all type of spills. Be sure to wear protective equipment (see Section 8)

Leak and Spill Procedure: Rinse with water, mop up, dispose of in accordance with local, state/provincial and federal regulations.

Large Spills: Large spills should be contained, and if not recoverable, then diluted with water. Use a water rinse for final clean-up.

SECTION 7: HANDLING AND STORAGE

Handling: Use only as directed. Avoid any contact with eyes, skin and clothing. When using, do not eat or drink.

Storage: Store in a cool, dry and well-ventilated area. Always keep the container closed when not in use. **KEEP OUT OF REACH OF CHILDREN AND PETS.**

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Household Setting

Eyes Protection – No special requirements under normal use conditions.

Hand Protection – Use gloves for prolonged exposure.

Footwear – No special requirements under normal use conditions.

Respiratory protection – Not normally required.

Industrial Setting

Eyes Protection – Wear splash-resistant, full-face shield chemical goggles.

Hand Protection – Use suitable gloves.

Footwear – Impervious boots of chemically resistant material should be worn at all times.

Respiratory protection – If ventilation is not sufficient to prevent vapor build up, use appropriate NIOSH/MSHA respiratory protection.

Parade Bleach

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Appearance	: Clear
Color	: Slightly yellow
Odor	: Bleach
pH	: 12.0 – 13.0
Specific Gravity	: 1.09 minimum (water = 1)
Viscosity	: Water thin
Water Solubility	: Complete
Boiling Point	: 212°F (100°C)
Melting Point	: no data available
Freezing point	: no data available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and storage conditions.

Conditions to avoid: Temperature above 40°C, sunlight and metals.

Materials to avoid: Acids, ammonia, urea, metals and oxidizers.

Reactivity: Releases Chlorine gas if mixed with ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Will cause membrane irritation, pain and inflammation to digestive tract.

Acute dermal toxicity: Will cause moderate irritation to skin and severe irritation and pain to eyes.

Chronic toxicity : None known.

Carcinogenic Effects : Not considered to be carcinogenic by IARC, NTP and ACGIH

Mutagenic Effects : None Known

Reproductive Toxicity : None Known

Parade Bleach

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects : Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Reclaim or dispose in accordance with federal, provincial and local regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT and Canadian TDG land Transportation

Class 8: Corrosive material

UN Number: 1791

Proper Shipping name: Sodium Hypochlorite Solution

Packaging group: III

Marine pollutant: No

IMDG Sea Transport

Class 8: Corrosive material

UN Number: 1791

Proper Shipping name: Sodium Hypochlorite Solution

Packaging group: III

Marine pollutant: No

SECTION 15: REGULATORY INFORMATION

TSCA/DSL Status: All components in this product are on the U.S. TSCA and Canadian DSL.

WHMIS (Canada): Class C: Oxidizing Material
Class D, Div. 2, Toxic Liquid, Skin Sensitizer

Parade Bleach

SECTION 16: OTHER INFORMATION**HMIS Ratings**

Health : 2
Flammability : 0
Reactivity : 2

NFPA Ratings

Health : 2
Flammability : 0
Reactivity : 2

Created By: Mitul Bhandari	Date: 1/31/2012
Approved By: Eden Mercado	Date: 1/31/2012

***** Preliminary MSDS. Subject to change *****

As the handling and use of this product are beyond our control, no warranty, expressed or implied is made concerning this product. The information contained here is offered only as a guide and is not intended to be all-inclusive in the manner and conditions of use and handling. The user assumes all risks of use or handling whether or not in accordance with any directions or suggestions of the manufacturer. Manufacturer shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our product.

MSDS: Urnex® Urn & Brewer Cleaner™ (an Urnex® Brand product)
 April 2007

1. Product and Company Identification

Product Name:	Urn and Brewer Cleaner™ (an Urnex® Brand product)
General Use:	For cleaning commercial coffee brewing and serving equipment.
Product Description:	Blended blue powder
Manufacturer:	Urnex Brands, Inc. 170 Ludlow Street, Yonkers, NY 10705 USA Tel. 914-963-2042 Urnex Brands, Inc. 29 Harley Street, London, W1G 9QR, UK Tel. +44 020 7927 6881
Emergency Contact:	800-424-9300 (USA), 001-703-527-3887 (INTERNATIONAL COLLECT ACCEPTED)
Date Prepared	August 1, 2005

2. Composition/Information on Ingredients

Contains no hazardous ingredients.

3. Hazards Identification

This product is classified as an irritant.

Emergency Overview:	Product is a blended, white powder with granules of varying sizes.
Effects of Overexposure:	May cause skin and eye irritation. If ingested, may cause gastric irritation reaction.
Eye:	May cause slight irritation.
Skin:	Irritating to the skin.
Ingestion:	Irritating to the gastric tract.
Inhalation:	No hazard in normal industrial use.

4. First Aid Measures

Eye:	In case of contact, flush with water for at least 15 minutes. Seek medical attention if irritation persists.
Skin:	Flush thoroughly with water and seek medical attention if irritation persists.
Ingestion:	Do not induce vomiting. If ingested, drink large quantities of water and seek medical advice.
Inhalation:	Remove to fresh air.

5. Fire Fighting Measures

Flash Point:	Non-flammable
LEL:	Not determined
UEL:	Not determined
Extinguishing Media:	Foam, carbon dioxide, powder, and water spray.
Firefighting Instructions:	Cool fire exposed containers with spray.
Fire Fighting Equipment	Must wear approved self-contained breathing apparatus.
Unusual Fire & Explosive Hazards:	None

6. Accidental Release Measures

Land Spill:	Sweep material into one area being careful not to allow disposal of the product. Flush remaining spill area with large volume of cold water.
Waste Disposal Methods:	Can be disposed in regular washing procedure.

7. Handling and Storage

General Storage:	Store in a cool, dry place. Keep container closed. Accidentally spilling water into container may cause clumping.
Storage Temperature:	Ambient (between 40 F and 100 F).
Other Precautions:	Avoid contact with skin and eyes. Wash thoroughly after handling.

8. Exposure Controls / Personal Protection

General Hygiene:	There are no known hazards associated with this material when used as recommended.
Ventilation:	Use in a well ventilated area.
Respiratory:	Do not inhale. If product becomes airborne wear suitable face protection.
Protective Clothing:	None required in normal use. When working with large quantities or in technical production applications gloves are recommended.
Eye Protection:	Avoid contact with eyes. Wear suitable eye protection when working in production applications.
Other Protective:	None required.

9. Physical and Chemical Properties

Boiling Range:	NA
Vapor Density:	NA
Evaporation Rate:	NA
Solubility in Water:	Complete
Melting Point:	>1000 degrees F
Odor:	None
Specific Gravity:	NA

MSDS: Urnex® Urn & Brewer Cleaner™ (an Urnex® Brand product)

April 2007

PH 1%	10.5-11.5
Appearance:	White powder
Flash Point:	Non-Flammable

10. Reactivity

Stability:	Stable.
Hazardous Polymerization:	Will not occur
Incompatibility:	Strong inorganic acids, strong oxidizers and reducing agents.
Conditions to Avoid:	Do not mix with inorganic acids, strong oxides and reducing agents. MIX WITH WATER ONLY.
Hazardous Decomposition:	Incomplete combustion may yield carbon monoxide and soot. Burning can produce carbon monoxide, carbon dioxide, and oxides of phosphorous.

11. Toxicological Information

Reported Human Effects:	No human data are available
Reported Animal Effects:	See LD-50/LC-50 Studies on ingredients in section 2.

12. Ecological Information

No data are available on the adverse effects of this material on the environment. The manufacturer will fulfill all requests for any ecological data that is available on the various components of this product.

13. Disposal Considerations

Dispose of safely in accordance with applicable laws and regulations.

14. Transport Information

Proper Name:	Not regulated Urn and Brewer Cleaner™
--------------	--

Hazardous Materials Identification System Rating (HMIS):

HEALTH	1	Slight Hazard
FLAMMABILITY	0	Minimal Hazard
REACTIVITY	0	Minimal Hazard
PERSONAL PROTECTION	0	Safety Glasses, Chemical Gloves

15. Regulatory Information

Inventory Status

United States (TSCA)	All ingredients are on the inventory or are exempt from listing.
European Union (EINECS)	All ingredients are on the inventory or are exempt from listing.

Labeling (To be inserted for EU)

16. Other Information

This product is for sale and use by professional personal only.

Keep out of reach of children. It is a violation of federal law to use this product in a manner inconsistent with its label.

NSF International / FDA	This product is certified under NSF International's protocol P156. Protocol P156 evaluates the product for performance and safety issues when used on commercial coffee brewers and serving vessels. In order to attain this certification, all ingredients have been verified as listed under Code of Federal Regulations 21 (21 CFR Parts 170-180)
Usage Guidelines:	Use 28 gram (1oz) of product per 12 liters (3 gallons) hot water maximum. Can be used in greater concentration. Rinse thoroughly after use.

NOTE: The information in this MSDS is obtained from sources which are believed to be reliable. However, the accuracy or completeness thereof is not guaranteed. This information is furnished without warranty, expressed or implied. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Urnex Brands, Inc. assumes no liability for the loss and damage incurred from the proper or improper use of this product.

Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and
GHS

Printing date 18.06.2014

Revision: 18.06.2014

1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: Doggone I**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Surface cleaning
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Chemco Corporation
300 Canal St.
Lawrence MA 01840 USA
Telephone (978) 687-9000
Toll-Free (800) 458-8010
- **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

Skin Corr. 1C H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



C; Corrosive

R35: Causes severe burns.



Xn; Harmful

R20: Harmful by inhalation.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

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- **Hazard pictograms**



GHS05

- **Signal word** Danger

- **Hazard statements**

H314 Causes severe skin burns and eye damage.

- **Precautionary statements**

P280 Wear protective gloves / eye protection.

P264 Wash thoroughly after handling.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

Keep out of the reach of children

- **Hazard description:**

- **WHMIS-symbols:**

E - Corrosive material



- **NFPA ratings (scale 0 - 4)**



Health = 3

Fire = 0

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 3

Fire = 0

Reactivity = 0

- **HMIS Long Term Health Hazard Substances**

67-56-1 | methanol

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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3 Composition/information on ingredients

3.2 Mixtures

• **Description:** Mixture of substances listed below with nonhazardous additions.

• Dangerous components:

CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0	2-butoxyethanol  Xn R20/21/22;  Xi R36/38 -----  Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<10%
CAS: 68604-71-7	Disodium cocoamphodipropionate  Xi R36 R66 -----  Eye Irrit. 2, H319	<10%
CAS: 64-02-8 EINECS: 200-573-9 Index number: 607-428-00-2	tetrasodium ethylenediaminetetraacetate  Xn R20/22;  Xi R41 -----  Eye Dam. 1, H318  Acute Tox. 4, H302; Acute Tox. 4, H332	<10%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X	methanol  T R23/24/25-39/23/24/25;  F R11 -----  Flam. Liq. 2, H225  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331  STOT SE 1, H370	<1,0%

• **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures

• General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

• After inhalation:

Supply fresh air; consult doctor in case of complaints.

In case of irregular breathing or respiratory arrest provide artificial respiration.

• After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

Seek immediate medical help for blistering or open wounds.

• After eye contact:

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. Then consult a doctor.

• After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Nausea

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Thirst

Cramp

· **Hazards**

Danger of gastric perforation.

Danger of impaired breathing.

Danger of convulsion.

· **4.3 Indication of any immediate medical attention and special treatment needed**

Medical supervision for at least 48 hours.

5 Firefighting measures

· **5.1 Extinguishing media**· **Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **For safety reasons unsuitable extinguishing agents:** None.· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **5.3 Advice for firefighters**· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

· **Additional information** No further relevant information available.

6 Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

· **6.2 Environmental precautions:** No special measures required.· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· **7.1 Precautions for safe handling**

Avoid splashes or spray in enclosed areas.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· **Information about fire - and explosion protection:** No special measures required.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Use rubberized containers.
Unsuitable material for receptacle: aluminium.
Unsuitable material for receptacle: glass or ceramic.
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
Store away from foodstuffs.
Do not store together with acids.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from frost.
- **7.3 Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace:

111-76-2 2-butoxyethanol

IOELV (EU)	Short-term value: 246 mg/m ³ , 50 ppm Long-term value: 98 mg/m ³ , 20 ppm Skin
PEL (USA)	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL (USA)	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV (USA)	Long-term value: 97 mg/m ³ , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm
EV (Canada)	Long-term value: 20 ppm Skin

67-56-1 methanol

IOELV (EU)	Long-term value: 260 mg/m ³ , 200 ppm Skin
PEL (USA)	Long-term value: 260 mg/m ³ , 200 ppm
REL (USA)	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin

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TLV (USA)	Short-term value: 328 mg/m ³ , 250 ppm Long-term value: 262 mg/m ³ , 200 ppm Skin; BEI
EL (Canada)	Short-term value: 250 ppm Long-term value: 200 ppm Skin
EV (Canada)	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.

· **Ingredients with biological limit values:**

111-76-2 2-butoxyethanol

BEI (USA)	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
-----------	--

67-56-1 methanol

BEI (USA)	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
-----------	---

- **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several

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substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **For the permanent contact gloves made of the following materials are suitable:** Rubber gloves

- **Eye protection:**

Contact lenses should not be worn.



Safety glasses

- **Body protection:** Alkaline resistant protective clothing

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Liquid
Colour:	Violet
Odour:	Odourless
Odour threshold:	Not determined.

- pH-value at 20 °C: 12

- **Change in condition**

Melting point/Melting range:	Not Determined.
Boiling point/Boiling range:	214 °F / 101 °C

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Auto/Self-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapour pressure:** Not determined.

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- **Density at 20 °C:** 1,03 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - VOC (US EPA Method 24A)** 2,63 %Wt
- **9.2 Other information** No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
Reacts with strong acids and oxidizing agents.
Toxic fumes may be released if heated above the decomposition point.
Reacts with certain metals.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** Strong caustic effect on skin and mucous membranes.
 - **on the eye:** Strong caustic effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Corrosive

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Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
This statement was deduced from the properties of the single components.
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.
Must not reach sewage water or drainage ditch undiluted or unneutralized.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Smaller quantities can be disposed of with household waste.
Can be disposed of with household garbage with prior chemical-physical or biological treatment following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **14.1 UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Not Regulated
- **14.2 UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Not Regulated

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- **14.3 Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Not Regulated
- **14.4 Packing group**
- **DOT, ADR, IMDG, IATA** Not Regulated
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

67-56-1 | methanol

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65 (California):

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

67-56-1 | methanol

· Carcinogenic Categories

· EPA (Environmental Protection Agency)

111-76-2 | 2-butoxyethanol

CBD

· IARC (International Agency for Research on Cancer)

111-76-2 | 2-butoxyethanol

3

· TLV (Threshold Limit Value established by ACGIH)

111-76-2 | 2-butoxyethanol

A3

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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Canada**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

111-76-2 | 2-butoxyethanol

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H370 Causes damage to organs.

R11 Highly flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R20/22 Harmful by inhalation and if swallowed.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R41 Risk of serious damage to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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Trade name: Doggone I

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DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Acute Tox. 3: Acute toxicity, Hazard Category 3
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1

Sources

SDS Prepared by:

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Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and
GHS

Printing date 18.06.2014

Revision: 18.06.2014

1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Doggone II Sanitizer
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Algicide
Disinfectant
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Chemco Corporation
300 Canal St.
Lawrence MA 01840 USA
Telephone (978) 687-9000
Toll-Free (800) 458-8010
- **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified as hazardous according to GHS regulations.
The product is not classified as hazardous according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Not Regulated
- **Hazard pictograms** Not Regulated
- **Signal word** Not Regulated
- **Hazard-determining components of labelling:** None.
- **Hazard statements** Not Regulated
- **Additional information:**
Keep out of the reach of children
- **Hazard description:**
- **WHMIS-symbols:** Not hazardous under WHMIS.

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- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **HMIS Long Term Health Hazard Substances**

None of the ingredients is listed.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** None in reportable quantities.
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:**
Supply fresh air or oxygen; call for doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Clean with water and soap.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** Gastric or intestinal disorders.
- **Hazards** No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** No further relevant information available.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **7.1 Precautions for safe handling** Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Do not store together with acids.
Store away from oxidizing agents.
Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.

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Protect from frost.

- **7.3 Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
 - **8.1 Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **DNELs** No further relevant information available.
 - **PNECs** No further relevant information available.
 - **Additional information:** The lists valid during the making were used as basis.
 - **8.2 Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:** No further relevant information available.
 - **Respiratory protection:**
Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.
 - **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
 - **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **For the permanent contact gloves made of the following materials are suitable:** Rubber gloves
 - **Eye protection:**
- 

Safety glasses
- **Body protection:** Not required under normal conditions of use.
 - **Limitation and supervision of exposure into the environment** No special requirements.
 - **Risk management measures** No special requirements.

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9 Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Liquid
Colour:	Clear
Odour:	Characteristic
Odour threshold:	Not determined.

· pH-value at 20 °C: > 6,5

· Change in condition

Melting point/Melting range:	Not Determined.
Boiling point/Boiling range:	212 °F / 100 °C

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

· Auto/Self-ignition temperature: Not determined.

· Decomposition temperature: Not determined.

· Self-igniting: Product is not self-igniting.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C: 1 g/cm³

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Fully miscible.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

· 9.2 Other information: No further relevant information available.

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10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
Toxic fumes may be released if heated above the decomposition point.
Reacts with strong acids and oxidizing agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Hydrogen chloride (HCl)
Chlorine
Halogenated hydrocarbons

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Slight irritant effect on eyes.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** The product contains materials that are harmful to the environment.
- **12.2 Persistence and degradability** biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Inhibition of the development of the biomass
Harmful to algae
- **Additional ecological information:**
- **General notes:**
This statement was deduced from the properties of the single components.
Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

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Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Smaller quantities can be disposed of with household waste.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **14.1 UN-Number**

· DOT, ADR, ADN, IMDG, IATA Not Regulated

· **14.2 UN proper shipping name**

· DOT, ADR, ADN, IMDG, IATA Not Regulated

· **14.3 Transport hazard class(es)**

· DOT, ADR, ADN, IMDG, IATA

· **Class** Not Regulated

· **14.4 Packing group**

· DOT, ADR, IMDG, IATA Not Regulated

· **14.5 Environmental hazards:**

· **Marine pollutant:** No

· **14.6 Special precautions for user** Not applicable.

· **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **UN "Model Regulation":** -

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15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65 (California):**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic Categories**

- **EPA (Environmental Protection Agency)**

85409-23-0 | Alykl dimethyl ethyl benzyl ammonium chloride | Registered.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **Canada**

- **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

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- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

- **Sources**

SDS Prepared by:

ChemTel Inc.

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Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and
GHS

Printing date 20.09.2013

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1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: Fountain Machine Drain Cleaner**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Chemco Corporation
300 Canal St.
Lawrence MA 01840 USA
Telephone (978) 687-9000
Toll-Free (800) 458-8010
- **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



C; Corrosive

R35: Causes severe burns.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS05

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- **Signal word** Danger
- **Hazard-determining components of labelling:**
phosphoric acid
glycollic acid
- **Hazard statements**
H314 Causes severe skin burns and eye damage.
- **Precautionary statements**
P280 Wear protective gloves / eye protection.
P264 Wash thoroughly after handling.
P260 Do not breathe mist/vapours/spray.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- **Additional information:**
Keep out of the reach of children
- **Hazard description:**
- **WHMIS-symbols:**
D2B - Toxic material causing other toxic effects
E - Corrosive material



- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **HMIS Long Term Health Hazard Substances**

None of the ingredients is listed.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 7664-38-2 EINECS: 231-633-2 Index number: 015-011-00-6	phosphoric acid  C R34  Skin Corr. 1B, H314	25-50%
CAS: 79-14-1 EINECS: 201-180-5	glycollic acid  C R34;  Xn R22  Skin Corr. 1B, H314  Acute Tox. 4, H302	<10%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately rinse with water.

If skin irritation continues, consult a doctor.

Seek immediate medical help for blistering or open wounds.

· **After eye contact:**

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Cramp

Nausea

Coughing

Breathing difficulty

· **Hazards** Danger of gastric perforation.

4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Later observation for pneumonia and pulmonary oedema.

5 Firefighting measures

5.1 Extinguishing media

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** Cool endangered receptacles with water fog or haze.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use calcium oxide as a neutralizing agent.
Send for recovery or disposal in suitable receptacles.
Clean the affected area carefully; suitable cleaners are:
Warm water and cleansing agent
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Avoid splashes or spray in enclosed areas.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Unsuitable material for receptacle: aluminium.
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
Do not store together with alkalis (caustic solutions).
Store away from metals.
Store away from foodstuffs.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

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· **7.3 Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

7664-38-2 phosphoric acid

IOELV (EU)	Short-term value: 2 mg/m ³ Long-term value: 1 mg/m ³
PEL (USA)	Long-term value: 1 mg/m ³
REL (USA)	Short-term value: 3 mg/m ³ Long-term value: 1 mg/m ³
TLV (USA)	Short-term value: 3 mg/m ³ Long-term value: 1 mg/m ³
EL (Canada)	Short-term value: 3 mg/m ³ Long-term value: 1 mg/m ³
EV (Canada)	Short-term value: 3 mg/m ³ Long-term value: 1 mg/m ³

· **DNELs** No further relevant information available.

· **PNECs** No further relevant information available.

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Ensure that washing facilities are available at the work place.

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Suitable respiratory protective device recommended.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **For the permanent contact gloves made of the following materials are suitable:**

Butyl rubber, BR
Neoprene gloves
PVC gloves

- **Not suitable are gloves made of the following materials:**

Leather gloves
Strong material gloves

- **Eye protection:**

Contact lenses should not be worn.



Safety glasses

- **Body protection:**



Apron

Acid resistant protective clothing

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.
No further relevant information available.

9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Liquid
Colour:	Clear
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C:	2
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- **Change in condition**

Melting point/Melting range:	Undetermined.
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Boiling point/Boiling range:	212 °F / 100 °C
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
Reacts with strong oxidizing agents.
Reacts with metals forming hydrogen.
Reacts with amines.
Reacts with powdered metals.
Corrosive action on metals.
Reacts with alkali (lyes).
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Phosphorus compounds

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Phosphorus oxides (e.g. P₂O₅)
Hydrogen
Carbon monoxide and carbon dioxide

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11 Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

· LD/LC50 values relevant for classification:

79-14-1 glycollic acid

Oral	LD50	1950 mg/kg (rat)
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· Primary irritant effect:

· **on the skin:** Strong caustic effect on skin and mucous membranes.

· **on the eye:** Strong caustic effect.

· **Sensitization:** No sensitizing effects known.

· Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological information

· 12.1 Toxicity

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** biodegradable

· **12.3 Bioaccumulative potential** Does not accumulate in organisms.

· **12.4 Mobility in soil** No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralized.

· 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Can be disposed of with household garbage with prior chemical-physical or biological treatment following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

- **Uncleaned packaging:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

- **Recommended cleansing agents:** Water only.

14 Transport information

- **14.1 UN-Number**

- **DOT, ADR, IMDG, IATA**

UN3264

- **14.2 UN proper shipping name**

- **DOT**



Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 L (1.3 gal).

Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid solution, glycollic acid)

- **ADR**

3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, SOLUTION, glycollic acid)

- **IMDG, IATA**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, SOLUTION, glycollic acid)

- **14.3 Transport hazard class(es)**

- **DOT**



Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 L (1.3 gal).

- **Class**

8 Corrosive substances.

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· Label	8
· ADR	
	
· Class	8 (C1) Corrosive substances.
· Label	8
· IMDG, IATA	
	
· Class	8 Corrosive substances.
· Label	8
· 14.4 Packing group	
· DOT, ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	
· Danger code (Kemler):	Warning: Corrosive substances.
· EMS Number:	80
· Segregation groups	F-A,S-B
	Acids
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Transport category	3
· Tunnel restriction code	E
· UN "Model Regulation":	UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, SOLUTION, glycollic acid), 8, III

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

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· **Section 313 (Specific toxic chemical listings):**

7664-38-2	phosphoric acid
-----------	-----------------

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65 (California):**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic Categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Canada**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

7664-38-2	phosphoric acid
-----------	-----------------

79-14-1	glycollic acid
---------	----------------

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Relevant phrases

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

R22 Harmful if swallowed.

R34 Causes burns.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Sources

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com

Parazyme Intermediate Fg

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Pariser Industries
Address : 91 Michigan Ave
Paterson, NJ 07503
Website : www.Pariserchem.com
Phone : 973-569-9090
Emergency Phone : 1-800-424-9300 (Chemtrec)
Chemtrec Contract : CCN16764

T : 973-569-9090
F : 973-569-9101
Info@Pariserchem.com

Date Printed: 5/27/2015
Name of Preparer: Environmental Dept.

Product Name: Parazyme Intermediate Fg
N/A
Product Form: Liquid
Trade Secret Registry # 307554-5082P

CAS No.:

HMIS Codes:

H	F	R	P
1	0	0	B

UN Number:

Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Inhalation Health Risks and Symptoms of Exposure:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Skin Contact Health Risks and Symptoms of Exposure:

Absorption through skin could cause itching, irritation, and rashes.

Eye Contact Health Risks and Symptoms of Exposure:

Contact can cause irritation or burning in eyes.

Ingestion Health Risks and Symptoms of Exposure:

May cause headache, dizziness, and gastrointestinal distress.

Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

GHS Classification: No Hazardous Materials Present**Skin Corr:** N/A**Eye Dam.:** N/A

Aquatic Acute: N/A

GHS Labeling: No Hazardous Materials Present

GHS Signal Word: Warning



Other Hazards: No Hazardous Materials Present

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Common Name of Chemical Contributing to Known Hazards: No Hazardous Materials Present

Name	Product Identifier (CAS No)	%	GHS Classification

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim’s condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

First – Aid Measures after Skin Contact:

Wash immediately with lots of water (5 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms continue seek medical attention.

First – Aid Measures after Ingestion:

Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:

High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact:

Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye contact:

Contact can cause irritation or burning in eyes.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point: N/A

Flammable Limits in Air by Volume -

Lower: N/A

Method Used: N/A

Upper: N/A

Extinguishing Media:

For Fires involving this product, water spray, carbon dioxide, foam, sand, or dry chemical may be used.

No unsuitable extinguishing media known.

Hazards Arising From the Chemical:

Fire Hazard: None Known

Explosion Hazard: None Known

Reactivity: None Known

Advice for Firefighters:

Precautionary Measures:

Exposure to fire/heat: keep upwind, consider evacuation, have neighborhood close doors and windows.

Firefighting Instructions:

Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

Protection During Firefighting:

Heat/fire exposure: Compressed air/oxygen apparatus.

Special Firefighting Procedures:

Wear full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment: Gloves and Goggles.

Emergency Procedures:

Mark the danger area. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling & Use, Including Appropriate Hygienic Practices

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Protect against freezing. Provide for a tub to collect spills. Unauthorized persons are not admitted. Meet the legal requirements.

Storage Temperature: Ambient

Prohibitions on Mixed Storage: None Known

Incompatible Products: None Known

Incompatible Materials: None Known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No Hazardous Materials Present

Individual Protection Measures

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment: Avoid all unnecessary exposure.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Corrosion-proof clothing.

Respiratory Protection: NIOSH dust mask when necessary

Other Information: Do not eat, drink, or smoke during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Milky White
Odor: Citrus
Odor Threshold: No Data Available
pH: 6.6 - 7.4
Melting Point: No Data Available
Freezing Point:
Boiling Point:
Boiling Point Range: No Data Available
Flashpoint: N/A
Evaporation Rate: No Data Available
Flammability (Solid, Gas): No Data Available
Explosive Limits: No Data Available
Vapor Pressure:
Vapor Density @ 20C:
Specific Gravity: 8.327
Solubility: Soluble in water
Partition Coefficient
n-octanol/water: No Data Available
Auto-Ignition Temperature: No Data Available

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Possibility of Hazardous Reactions: None Known
Conditions to Avoid: Direct Sunlight. Extremely high or low temperatures.
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition Products: None Known
Hazardous Polymerization: Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

Routes of Exposure

Skin Corrosion/Irritation: May aggravate existing skin conditions upon contact
Serious Eye Damage/Irritation: Irritant to eyes
Respiratory or Skin Sensitization: Possibly irritation to respiratory tract; may aggravate existing conditions
Carcinogenicity: Not Classified
Germ Cell Mutagenicity: Not Classified

No other toxicological information applicable to this product.

Symptoms/Injuries after Inhalation: High concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At high concentrations, irritation, dizziness, fainting, drowsiness, nausea, and vomiting may also occur.

Symptoms/Injuries after Skin Contact: Absorption through skin could cause itching, irritation, and rashes.

Symptoms/Injuries after Eye Contact: Contact can cause irritation or burning in eyes.
Symptoms/Injuries after Ingestion: May cause headache, dizziness, and gastrointestinal distress.
Chronic Symptoms: On continuous/repeated exposure/contact: Dry skin. Skin rash/inflammation. Possible inflammation or damage of the respiratory tract tissues.

SECTION 12 – ECOLOGICAL

Toxicity

Ecology – General: None Known

Ecology – Water: None Known

Persistence and Degradability: None Known

Bioaccumulative Potential: Not Applicable

Mobility in Soil: No Additional Information

Other Adverse Effects: Avoid Release to the Environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all regulations regarding disposal. Do not discharge into surface water.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

No Hazardous Materials Present. No Special Shipping Requirements.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

Safety: None Known

Health: None Known

Environmental: None Known

OSHA:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: 5/27/15

Disclaimer:

The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Pariser Industries is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Pariser Industries, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.