



Fisher Science Education
6771 Silver Crest Road, Nazareth, PA 18064 (800) 955-1177
Emergency Number: (800) 255-3924

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Catalog Numbers: Part A of S25344
Product Identity: Ethanol, 95% Denatured

Chemical Family: Not Applicable
Synonyms: Ethyl Alcohol, Denatured Alcohol
Recommended Use: Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331, (866) 632-1291
Emergency Contact Number (24hr): Chemtel (800) 255-3924

Issue Date: 07/09/12
Revision Date:

Section 2 – Hazard Identification

Emergency Overview

Flammable liquid. Toxic by ingestion; give large quantities of water and induce vomiting. Get medical attention. May cause dryness and cracking of the skin. May cause irritation to the respiratory tract, eyes and skin. Wash areas of contact. Get medical attention if irritation develops.

Appearance: Clear, colorless liquid **Odor:** Alcohol

Target Organs: Respiratory system, Eyes, Skin, Central nervous system, Liver, and Pancreas,

Potential Health Effects/ Routes of Exposure:

Eyes: May cause irritation, burning, pain, and possible damage to the cornea and conjunctiva.

Skin: May cause irritation, drying and cracking leading to secondary infection and dermatitis,

Ingestion: May cause hallucinations, sleep disorders, distorted perception, ataxia, motor function changes, convulsions, tremors, coma, and headaches.

Inhalation: May cause irritation to the upper respiratory tract, eyes, and nose, central nervous system depression, sleepiness, lack of concentration.

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Aggravated Medical Conditions No information available

These chemicals are considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

Section 3 – Composition, Information on Ingredients

Ethanol, Denatured* CAS# 64-17-5, 95%

Water, purified, CAS# 7732-18-5, 5%

*Denaturants:

Methanol, CAS# 67-56-1

Methyl isobutyl ketone, CAS# 108-10-1

Isopropyl Alcohol, CAS# 67-63-0

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.
Ingestion: Induce vomiting. Dilute with water or milk. Get medical assistance.
Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.
Notes to Physician Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: 15.5 C **Autoignition Temperature** 362.8 C
Explosion Limits Upper 18.0 **Lower** 3.3
Extinguishing Media: Water, dry chemical, foam, or Carbon Dioxide. Water spray can keep containers cool.
Unsuitable Extinguishing Media: No information available
Fire & Explosion Hazards: Moderate explosion hazard. Dangerous fire hazard when exposed to heat, sparks, and open flames.
Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment. Poisonous gas are produced in fire. Use water to keep surrounding containers cool.
Hazardous Combustion Products: No information Available
Sensitivity to mechanical impact No information available.
Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: No information available
NFPA Rating: (estimated) Health: 1; Flammable: 3; Reactivity: 0

Section 6 – Accidental Release Measures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
Environmental Precautions Do not flush to sewer. Ethanol has a slight acute and chronic toxicity to aquatic life.
Methods for Containment and Clean Up Remove all sources of ignition. Contain spill. Do not flush to sewer. Absorb with suitable material and place in chemical waste container. Ventilate area of spill. Use non-sparking equipment.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes. Empty containers can still be hazardous since they retain product residue.
Storage: Keep container tightly closed in a cool, dry area. Protect from freezing and physical damage. Store in secure, flammable storage area away from sources of ignition.

Section 8 – Exposure Controls, Personal Protection

Ethanol, Denatured* CAS# 64-17-5, ACGIH TLV: 1880mg/m³, OSHA PEL: 1900mg/m³
Water, purified, CAS# 7732-18-5, ACGIH TLV: NA, OSHA PEL: NA

Engineering Measures/ General Hygiene: Local/general exhaust is recommended. Ensure eyewash and safety showers are available.
Personal Protection Equipment: **Skin Protection:** Chemical resistant gloves.
Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Normal ventilation is adequate. If exposure limit is exceeded, a full-face respirator with organic cartridge may be worn.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: Clear, Colorless Liquid
Odor: Alcohol **% Volatility:** No Information Available
Boiling Point: 77 C **Specific Gravity:** Approx 0.8
Melting Point: -90 C **Vapor Pressure:** 48 mm Hg
Vapor Density: 1.5 **Flash Point:** 15.5 C
Evaporation Rate: 3.6 **Coefficient of water/oil distribution:** Not Available
pH: No Information Available **Odor Threshold:** Not Available

Flammability: Flammable

Solubility: Infinite
available

Relative Density: No Information Available

Decomposition Temperature: No Information Available

Partition Coefficient n-octanol/water: No data

Molecular Weight: Not available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatible Materials: Strong oxidizers, heat, sparks, open flames, platinum, sodium, bromine pentafluoride, potassium dioxide, acetyl bromide, acetyl chloride

Conditions to Avoid: Excess heat, Incompatible Materials, Ignition source, or Flame

Hazardous Decomposition Products: Oxides of carbon, acrid and irritating fumes

Hazardous Polymerization: Does not occur

Hazardous Reactions: None under normal processing.

Section 11 – Toxicological Information

Routes of Exposure/Symptoms/Corrosiveness – See Section 2

LD50 orl-rat: 7060mg/kg (Ethanol)

LC50 inhalation-rat: No Information Available

Irritation: No Information Available

Toxicologically Synergistic: No Information Available

Chronic Exposure

Carcinogenicity No Information Available

Sensitization No information available.

Mutagenic Effects No information Available

Reproductive Effects No information Available

Developmental Effects (Immediate/Delayed) No information available.

Teratogenicity No information available.

Other Adverse Effects No Information Available.

Endocrine Disruptor Information No information available

Section 12 – Ecological Information

Ecotoxicity: Ethanol has a slight acute and chronic toxicity to aquatic life.

Persistence and Degradability: No Information Available

Mobility: No Information Available

Bioaccumulation/ Accumulation: No Information Available

Section 13 – Disposal Considerations

Waste Disposal/Waste Disposal of Packaging: Absorb with inert material and place in container for disposal. Ventilate area of spill. Have fire extinguishing agent available in case of fire. Eliminate all sources of ignition. Use non-sparking equipment.

All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste. Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT – UN1170, Ethanol, 3, II

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: This chemical is considered hazardous by OSHA.

Canada DSL: This chemical is on Canada's DSL.

TSCA: The components of this solution are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: Not Applicable.

WHMIS: B-2: Flammable and Combustible Material. Flammable Liquid. D-2B: Poisonous and Infectious Material. Materials causing other toxic effects – Toxic Material.

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16 – Additional Information

Disclaimer: The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.

Fisher Science Education
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Emergency Number: (800) 255-3924

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Catalog Numbers: Part B of S25344
Product Identity: Crystal Violet 1%

Chemical Family: Not Applicable
Synonyms: Not Applicable
Recommended Use: Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331, (866) 632-1291
Emergency Contact Number (24hr): Chemtel (800) 255-3924

Issue Date: 06/25/12
Revision Date:

Section 2 – Hazard Identification

Emergency Overview: Non-flammable, non-corrosive, non-toxic. Does not present significant health hazards. Wash areas of contact with water.

Appearance: Dark Purple Liquid **Odor:** Odorless

Target Organs: Eyes, skin.

Potential Health Effects/ Routes of Exposure:

Eyes: May cause slight irritation.

Skin: May cause slight irritation.

Ingestion: May be harmful if swallowed

Inhalation: Not likely to be a hazard

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Aggravated Medical Conditions No information available

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

Section 3 – Composition, Information on Ingredients

Crystal Violet, CAS# 548-62-9, 1% w/v
Ammonium Oxalate, CAS# 1113-38-8, 0.1% w/v
Water, purified, CAS# 7732-18-5, >98%

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: Call Poison Control. Do not induce vomiting.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Notes to Physician Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: Not Applicable **Autoignition Temperature** No information available.
Explosion Limits Upper No data available **Lower** No data available
Extinguishing Media: Use means suitable to extinguishing surrounding fire.
Unsuitable Extinguishing Media: No information available
Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.
Fire Fighting Instructions / Equipment: Use normal procedures. Poisonous gases may be produced in fire. Use protective clothing. Use NIOSH-approved breathing equipment.
Hazardous Combustion Products: Irritating and toxic fumes and gases may be produced during combustion or thermal decomposition.
Sensitivity to mechanical impact No information available.
Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: No information available
NFPA Rating: (estimated) Health: 2; Flammable: 0; Reactivity: 0

Section 6 – Accidental Release Measures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
Environmental Precautions No information available.
Methods for Containment and Clean Up: Absorb with suitable material. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes.
Storage: Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Crystal Violet, CAS# 548-62-9, ACGIH TLV: NA, OSHA PEL: NA
Ammonium Oxalate, CAS# 1113-38-8, ACGIH TLV: NA, OSHA PEL: NA
Water, purified, CAS# 7732-18-5, ACGIH TLV: NA, OSHA PEL: NA

Engineering Measures/ General Hygiene: Normal ventilation is adequate. Ensure eyewash and safety showers are available.
Personal Protection Equipment: Skin Protection: Chemical resistant gloves.
Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Normal ventilation is adequate.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: Dark Purple Liquid
Odor: Odorless **% Volatility:** No Information Available
Boiling Point: Approx 100C **Specific Gravity:** Approx 1
Melting Point: Approx 0 C **Vapor Pressure:** No Information Available
Vapor Density: No Information Available **Flash Point:** Not Applicable
Evaporation Rate: No Information Available **Coefficient of water/oil distribution:** Not Available
pH: No Information Available **Odor Threshold:** Not Available
Flammability: No Information Available **Decomposition Temperature:** No Information Available
Solubility: Infinite **Partition Coefficient n-octanol/water:** No data available
Relative Density: No Information Available **Molecular Weight:** Not available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.
Incompatible Materials None identified.
Conditions to Avoid: No Information Available.
Hazardous Decomposition Products: None Expected
Hazardous Polymerization: Does not occur
Hazardous Reactions: None under normal processing.

Section 11 – Toxicological Information

Routes of Exposure/Symptoms/Corrosiveness – See Section 2

LD50 orl-rat: 420 mg/kg

LC50 inhalation-rat: NA

Irritation: No Information Available

Toxicologically Synergistic: No Information Available

Chronic Exposure

Carcinogenicity No information available.

Sensitization No information available.

Mutagenic Effects No information available.

Reproductive Effects No information available.

Developmental Effects (Immediate/Delayed) No information available.

Teratogenicity No information available.

Other Adverse Effects No Information Available.

Endocrine Disruptor Information No information available

Section 12 – Ecological Information

Ecotoxicity: Not Available.

Persistence and Degradability: No Information Available

Mobility: No Information Available

Bioaccumulation/ Accumulation: No Information Available

Section 13 – Disposal Considerations

Waste Disposal/Waste Disposal of Packaging: Absorb with suitable material.

All chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT - Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered hazardous by OSHA.

Canada DSL: These chemicals are listed on Canada's DSL list.

TSCA: The components of this solution are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: Not Applicable

WHMIS: Not Applicable

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

Section 16 – Additional Information

Disclaimer: The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.



Fisher Science Education
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Emergency Number: (800) 255-3924

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Catalog Numbers: Part D of S25344
Product Identity: Iodine Solution

Chemical Family: No Information Available
Synonyms: Grams Iodine Stain
Recommended Use: Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331, (866) 632-1291
Emergency Contact Number (24hr): Chemtel (800) 255-3924

Issue Date: 2/4/12
Revision Date: 02/19/12, 06/25/12, 07/09/12

Section 2 – Hazard Identification

Emergency Overview

May irritate skin, eyes, and gastrointestinal tract. Wash areas of contact with water. Get medical attention.

Appearance: Dark brown liquid **Odor:** Weak iodine odor

Target Organs: Eyes, skin, central nervous system, cardiovascular system, respiratory system.

Potential Health Effects/ Routes of Exposure:

Eyes: May cause irritation.

Skin: May cause slight irritation and stain the skin.

Ingestion: May cause nausea, diarrhea, vomiting, cramps.

Inhalation: May cause irritation.

Chronic Effect / Carcinogenicity None (IARC, NTP, OSHA)

Aggravated Medical Conditions No information available

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

Section 3 – Composition, Information on Ingredients

Potassium Iodide, CAS# 7681-11-0, <4% w/v
Iodine, CAS# 7553-56-2, <2% w/v
Water, purified, CAS# 7732-18-5, >94% w/v

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: Induce vomiting. Dilute with water or milk. Get medical assistance.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Notes to Physician Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: No Information Available **Autoignition Temperature** No Information Available
Explosion Limits Upper No Information Available **Lower** No Information Available
Extinguishing Media: Use any means suitable to extinguishing surrounding fire.
Unsuitable Extinguishing Media: No information available
Fire & Explosion Hazards Not considered to be a fire or explosion hazard.
Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.
Hazardous Combustion Products: No information Available
Sensitivity to mechanical impact No information available.
Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: No Information Available
NFPA Rating: (estimated) Health: 3; Flammable: 0; Reactivity: 1

Section 6 – Accidental Release Measures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Environmental Precautions Should not be released into the environment.

Methods for Containment and Clean Up Absorb with suitable material and treat as normal refuse. Liquid may be flushed to sewer. Solution may be neutralized with sodium thiosulfate until colorless, and then flushed to sewer. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes.

Storage: Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Potassium Iodide, CAS# 7681-11-0, ACGIH TLV: NA, OSHA PEL: NA

Iodine, CAS# 7553-56-2, ACGIH TLV: 1mg/m³, OSHA PEL: 1mg/m³

Water, purified, CAS# 7732-18-5, ACGIH TLV: NA, OSHA PEL: NA

Engineering Measures/ General Hygiene: Local/general exhaust is recommended. Ensure eyewash and safety showers are available.

Personal Protection Equipment: Skin Protection: Chemical resistant gloves.

Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Normal ventilation is adequate.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: Dark brown liquid

Odor: Weak iodine odor

Boiling Point: Approx 100 C

Melting Point: Below 0 C

Vapor Density: No Information Available

Evaporation Rate: No Information Available

pH: No Information Available

Flammability: No Information Available

Solubility: Infinite

available

Relative Density: No Information Available

% Volatility: No Information Available

Specific Gravity: Approx 1-1.05

Vapor Pressure: No Information Available

Flash Point: No Information Available

Coefficient of water/oil distribution: Not Available

Odor Threshold: Not Available

Decomposition Temperature: No Information Available

Partition Coefficient n-octanol/water: No data

Molecular Weight: No Information Available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatible Materials: Active metals, powdered aluminum, acetylene, acetylaldehyde, ammonia, strong oxidizing agents.

Conditions to Avoid: No Information Available

Hazardous Decomposition Products: Emits irritating fumes and smoke, iodine vapors, and iodide.



Fisher Science Education
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Emergency Number: (800) 255-3924

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Catalog Numbers: Part C of S25344
Product Identity: Safranin O, 1% Aqueous Solution

Chemical Family: Not Applicable
Synonyms: Not Applicable
Recommended Use: Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331, (866) 632-1291
Emergency Contact Number (24hr): Chemtel (800) 255-3924

Issue Date: 06/25/12
Revision Date:

Section 2 – Hazard Identification

Emergency Overview: Non-flammable, non-corrosive, non-toxic. Does not present significant health hazards. Wash areas of contact with water.

Appearance: Dark Red-Purple Liquid **Odor:** Odorless

Target Organs: None known

Potential Health Effects/ Routes of Exposure:

Eyes: May cause slight irritation.

Skin: May cause slight irritation.

Ingestion: May be harmful if swallowed

Inhalation: Not likely to be a hazard

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Aggravated Medical Conditions No information available

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

Section 3 – Composition, Information on Ingredients

Safranin O, CAS# 477-73-6, 1% w/v
Sodium Benzoate, CAS# 532-32-1, 0.2% w/v
Water, purified, CAS# 7732-18-5, >98%

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: Call Poison Control. Do not induce vomiting.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Notes to Physician Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: Not Applicable **Autoignition Temperature** No information available.
Explosion Limits Upper No data available **Lower** No data available
Extinguishing Media: Use means suitable to extinguishing surrounding fire.
Unsuitable Extinguishing Media: No information available
Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.
Fire Fighting Instructions / Equipment: Use normal procedures. Poisonous gases may be produced in fire. Use protective clothing. Use NIOSH-approved breathing equipment.
Hazardous Combustion Products: Irritating and toxic fumes and gases may be produced during combustion or thermal decomposition.
Sensitivity to mechanical impact No information available.
Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: No information available
NFPA Rating: (estimated) Health: 1; Flammable: 0; Reactivity: 0

Section 6 – Accidental Release Measures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
Environmental Precautions No information available.
Methods for Containment and Clean Up: Absorb with suitable material. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes.
Storage: Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Safranin O, CAS# 477-73-6, ACGIH TLV: NA, OSHA PEL: NA
Sodium Benzoate, CAS# 532-32-1, ACGIH TLV: NA, OSHA PEL: NA
Water, purified, CAS# 7732-18-5, ACGIH TLV: NA, OSHA PEL: NA

Engineering Measures/ General Hygiene: Normal ventilation is adequate. Ensure eyewash and safety showers are available.
Personal Protection Equipment: Skin Protection: Chemical resistant gloves.
Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Normal ventilation is adequate.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: Dark Red-Purple Liquid	
Odor: Odorless	% Volatility: No Information Available
Boiling Point: Approx 100C	Specific Gravity: Approx 1
Melting Point: Approx 0 C	Vapor Pressure: No Information Available
Vapor Density: No Information Available	Flash Point: Not Applicable
Evaporation Rate: No Information Available	Coefficient of water/oil distribution: Not Available
pH: No Information Available	Odor Threshold: Not Available
Flammability: No Information Available	Decomposition Temperature: No Information Available
Solubility: Infinite	Partition Coefficient n-octanol/water: No data
available	
Relative Density: No Information Available	Molecular Weight: Not available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.
Incompatible Materials None identified.
Conditions to Avoid: No Information Available.
Hazardous Decomposition Products: None Expected
Hazardous Polymerization: Does not occur
Hazardous Reactions: None under normal processing.

Section 11 – Toxicological Information

Routes of Exposure/Symptoms/Corrosiveness – See Section 2

LD50 orl-rat: NA

LC50 inhalation-rat: NA

Irritation: No Information Available

Toxicologically Synergistic: No Information Available

Chronic Exposure

Carcinogenicity No information available.

Sensitization No information available.

Mutagenic Effects No information available.

Reproductive Effects No information available.

Developmental Effects (Immediate/Delayed) No information available.

Teratogenicity No information available.

Other Adverse Effects No Information Available.

Endocrine Disruptor Information No information available

Section 12 – Ecological Information

Ecotoxicity: Not Available.

Persistence and Degradability: No Information Available

Mobility: No Information Available

Bioaccumulation/ Accumulation: No Information Available

Section 13 – Disposal Considerations

Waste Disposal/Waste Disposal of Packaging: Absorb with suitable material.

All chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT - Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered hazardous by OSHA.

Canada DSL: These chemicals are not listed on Canada's DSL list.

TSCA: The components of this solution are not listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: Not Applicable

WHMIS: Not Applicable

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16 – Additional Information

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