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MATERIAL SAFETY DATA SHEET



Date-Issued: 09/21/2004 MSDS Ref. No: ICC-02068 Revision No: New MSDS

INTERCOOL NFE

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INTERCOOL NFE GENERAL USE: Heat Transfer Fluid

PRODUCT DESCRIPTION: Heat Transfer Fluid

PRODUCT CODE: 243600

PRODUCT FORMULATION NAME: INTERCOOL NFE

CHEMICAL FAMILY: Glycol

GENERIC NAME: Inhibited Ethylene Glycol

MANUFACTURER

24 HR. EMERGENCY TELEPHONE NUMBERS

(800) ICC-CHEM

Interstate Chemical Company, Inc.

Corporate Headquarters-Hermitage

2797 Freedland Road Hermitage, PA 16148

Contact: Carl Puntureri, Corporate VP Product Stewardship: 724-981-3771 Transportation: 724-981-3771

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS#	EINECS#
Ethylene Glycol	>90	000107-21-1	
Corrosion Inhibitors and Buffers	<10		
Yellow Dye	<1		

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Substance can cause skin, eye, and respiratory tract irritation/burning.

IMMEDIATE CONCERNS: Warning! Harmful or fatal if swallowed. Harmful if inhaled or absorbed through skin. May cause allergic skin reaction. May cause irritation to skin, eyes, and respiratory tract. Affects central nervous system.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation, pain, eye damage

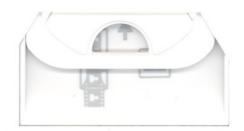
SKIN: Minor skin irritation and penetration may occur

INGESTION: This material may be harmful or fatal if swallowed. Lethal dose in humans is 100 ml (3-4 ounces).

INHALATION: Vapor inhalation is generally not a problem unless heated or misted.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.



INTERCOOL NFE

Page 2 of 5

SKIN: Remove contaminated clothing. Wash with soap and water. Get medical attention.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

NOTES TO PHYSICIAN: Give sodium bicarbonate intravenously to treat acidosis.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (230°F)ASTM D56

FLAMMABLE LIMITS: 3.2 to 15.3

AUTOIGNITION TEMPERATURE: (752°F)

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid and place in sealed container for disposal.

LARGE SPILL: Ventilate area of leak or spill. Remove all sources of ignition. Contain and recover liquid when possible. Do not flush to sewer.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: When released into water, this material is expected to readily biodegrade.

LAND SPILL: When released into the soil, this material is expected to readily biodegrade.

AIR SPILL: When released into the air, this material is expected to have a half-life between 1 and 10 days.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.

HANDLING: Store in adequate storage area at ambient temp.

STORAGE: Store in a cool dry place.

STORAGE TEMPERATURE: (20°F) minimum to (150°F) maximum

LOADING TEMPERATURE: (20°F) minimum to (150°F) maximum

SHELF LIFE: Greater than one year when stored in its original container at the recommended storage temperature with the bungs closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS

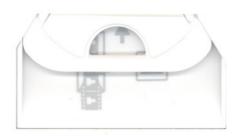
Chemical Name

OSHA PEL ACGIH TLY Supplier OEL ppm mg/m³ ppm mg/m³ ppm mg/m³

Ethylene Glycol

TWA 50 50 ppm[1] 50

OSHA TABLE COMMENTS:



INTERCOOL NFE

Page 3 of 5

- 1. Ceiling
- 2. Ceiling (vapor)

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wear suitable protective clothing and gloves.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Wear protective gloves and clean body-covering clothing. Chemically resistant protective clothing and boots may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Odorless

APPEARANCE: Clear, yellow liquid.

COLOR: Fluorescent yellow.

pH: 8.0 to 9.5

PERCENT VOLATILE: o at (60°F)

VAPOR PRESSURE: 0.06 mmHg at (68°F)

VAPOR DENSITY: 2.14 (Air=1)

BOILING POINT: (388°F)

FREEZING POINT: (9°F)

MELTING POINT: (9°F)

SOLUBILITY IN WATER: Miscible

EVAPORATION RATE: <1 (n-Butyl Acetate=1)

DENSITY: 9.17 at (68°F)

SPECIFIC GRAVITY: 1.1 (water=1) at (68°F)

VISCOSITY: 20Centipoise at (68°F)
WEIGHT PER VOLUME: 9.17 lbs/gal

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide and Water Vapor

INCOMPATIBLE MATERIALS: Strong Oxidizers

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: 500 mg/24H

ORAL LD₅₀: 4700 mg/kg (mice)

REPRODUCTIVE EFFECTS: Has shown teratogenic effects in laboratory animals.

12. ECOLOGICAL INFORMATION



INTERCOOL NFE

Page 4 of 5

ENVIRONMENTAL DATA: Do not flush to sewer.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Whatever cannot be saved for recovery of recycling should be managed in an appropriate and approved waste disposal facility.

EMPTY CONTAINER: Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Environmentally Hazardous Substances, Liquids, N.O.S.

TECHNICAL NAME: Contains: Ethylene Glycol PRIMARY HAZARD CLASS/DIVISION: 9

UN/NA NUMBER: UN3082 PACKING GROUP: III

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 5000 lbs

PLACARDS: Class 9

NAERG: 171

OTHER SHIPPING INFORMATION: Regulated in Bulk Only

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Harmful if swallowed.

DOT Class 9

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Immediate (Acute) Health Hazard

FIRE: YES PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: YES

313 REPORTABLE INGREDIENTS: Ethylene Glycol (107-21-1)

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Ethylene Glycol

CERCLA RQ: 5,000 lbs

REPORTABLE SPILL QUANTITY: => 5051 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This material is listed on the EPA TSCA Inventory of Chemical Substances

STATES WITH SPECIAL REQUIREMENTS

Yellow Dye California Proposition 65:

16. OTHER INFORMATION

REASON FOR ISSUE: Revised MSDS



Date: 12/10/2004 Time: 11:07:20 PM

INTERCOOL NFE

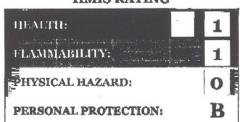
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APPROVED BY: Jerry Johns TITLE: Environmental Analyst

PREPARED BY: F. James Corbett

INFORMATION CONTACT: 800-422-2436 x 1156

HMIS RATING





MANUFACTURER DISCLAIMER: Interstate Chemical Company, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must excerise their independent judgment in determining its appropriateness for a particular purpose.



MATERIAL SAFETY DATA SHEET

Customer's Use



Date-Issued: 01/13/2005 **MSDS Ref. No:** ICC-02134 **Date-Revised:** 03/02/2005

800-ICC-CHEM

Revision No: 3

INTERCOOL NFP

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INTERCOOL NFP **GENERAL USE:** Heat Transfer Fluid

PRODUCT DESCRIPTION: Inhibited Propylene Glycol

PRODUCT CODE: 242200

PRODUCT FORMULATION NAME: INTERCOOL NFP

CHEMICAL FAMILY: Glycol

GENERIC NAME: Inhibited Propylene Glycol

MANUFACTURER

24 HR. EMERGENCY TELEPHONE NUMBERS

Interstate Chemical Company, Inc. Corporate Headquarters-Hermitage

2797 Freedland Road Hermitage, PA 16148

Contact: F. James Corbett, Dir. of Quality & EH&S

Product Stewardship: 724-981-3771 Transportation: 724-981-3771

COMMENTS: This product contains propylene glycol which is on the FDA's GRAS (GENERALLY REGARDED

AS SAFE) list.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	<u>Wt.%</u>	CAS#	EINECS#
Propylene Glycol	>90	00057-55-6	
Corrosion Inhibitors and Buffers	<10		
Yellow Dye	<1		

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Substance can cause skin, eye, and respiratory tract irritation/burning.

IMMEDIATE CONCERNS: Warning! May be harmful if swallowed. Maybe harmful if inhaled or absorbed through skin. May cause allergic skin reaction. May cause irritation to skin, eyes, and respiratory tract. Affects central nervous system.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation, pain, eye damage

SKIN: Minor skin irritation and penetration may occur

INGESTION: Relatively non-toxic. Ingestion of sizable amount (over 100ml) may cause some gastrointestinal upset and temporary central nervous system depression. Effects appear more severe in individuals with kidney problems

INHALATION: Vapor inhalation is generally not a problem unless heated or misted.

4. FIRST AID MEASURES

INTERCOOL NFP Page 2 of 5

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with soap and water. Get medical attention.

INGESTION: Not expected to require first aid measures. Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (210°F)ASTM D56

FLAMMABLE LIMITS: 2.6 to 12.5

AUTOIGNITION TEMPERATURE: (700°F)

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

OTHER CONSIDERATIONS: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Move exposed containers from fire area, if it can be done without risk. Use water to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid and place in sealed container for disposal.

LARGE SPILL: Ventilate area of leak or spill. Remove all sources of ignition. Contain and recover liquid when possible. Do not flush to sewer.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: When released into water, this material is expected to readily biodegrade.

LAND SPILL: When released into the soil, this material is expected to readily biodegrade.

AIR SPILL: When released into the air, this material is expected to have a half-life between 1 and 10 days.

GENERAL PROCEDURES: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer!

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Protect container from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

HANDLING: Store in adequate storage area at ambient temp.

STORAGE: Store in a cool dry place. Keep from freezing.

STORAGE TEMPERATURE: (20°F) minimum to (150°F) maximum

LOADING TEMPERATURE: (20°F) minimum to (150°F) maximum

LOADING/UNLOADING VISCOSITY: ~60

SHELF LIFE: Greater than one year when stored in its original container at the recommended storage temperature with the bungs closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wear suitable protective clothing and gloves.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Wear protective gloves and clean body-covering clothing. Chemically resistant protective clothing and boots may be required.

OTHER USE PRECAUTIONS: If the exposure limit is exceeded, a half-face respirator with an organic vapor cartridge and particulate filter (NIOSH type P95 or R95 filter) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece respirator with an organic vapor cartridge and particulate filter (NIOSH P100 or R100 filter) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. Please note that N series filters are not recommended for this material. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Odorless

APPEARANCE: Clear, yellow liquid.

COLOR: Fluorescent vellow.

pH: 8.0 to 9.5

PERCENT VOLATILE: Not Determined VAPOR PRESSURE: ~0.129 mmHg at (77°F)

VAPOR DENSITY: 2.6 (Air=1) BOILING POINT: (370°F)

FREEZING POINT: < -60°C Freezing Point Chart

MELTING POINT: -60°C

SOLUBILITY IN WATER: Miscible

EVAPORATION RATE: <1 (n-Butyl Acetate=1)

DENSITY: 8.74 at (60°F)

SPECIFIC GRAVITY: 1.048 (water=1) at 20°C

VISCOSITY: 20Centipoise at (68°F) WEIGHT PER VOLUME: 8.74 lbs/gal

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition. Aldehydes or lactic, pyruvic or acetic acids may also be formed.

INCOMPATIBLE MATERIALS: Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

GENERAL COMMENTS: Oral rat LD50: 20g/kg. Skin rabbit LD50: 20.8g/kg. Irritation: Eye rabbit/Draize, 500 mg/24H mild. Investigated as a mutagen and reproductive effector.

12. ECOLOGICAL INFORMATION

CHEMICAL FATE INFORMATION: When released into the soil, this material is expected to readily biodegrade. When released into the soil, this material is expected to leach into groundwater. When released into water, this material is expected to readily biodegrade. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Whatever cannot be saved for recovery of recycling should be managed in an appropriate and approved waste disposal facility.

EMPTY CONTAINER: Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This material is listed on the EPA TSCA Inventory of Chemical Substances

STATES WITH SPECIAL REQUIREMENTS

Yellow Dye California Proposition 65:

16. OTHER INFORMATION

REASON FOR ISSUE: Revised MSDS

APPROVED BY: Jerry Johns **TITLE:** Environmental Analyst

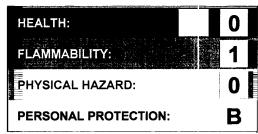
PREPARED BY: F. James Corbett

INFORMATION CONTACT: 800-422-2436 x 1156

REVISION SUMMARY Revision #: 3 This MSDS replaces the February 25, 2005 MSDS. Any changes in

information are as follows: In Section 1 Section 1 Footnotes

HMIS RATING





MANUFACTURER DISCLAIMER: Interstate Chemical Company, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must excerise their independent judgment in determining its appropriateness for a particular purpose.



Material Safety Data Sheet #313

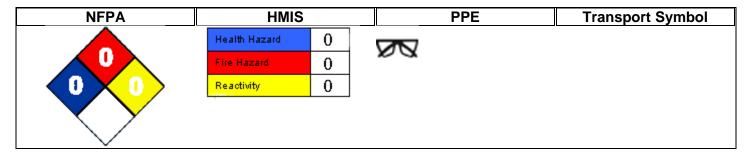
Hercules Chemical Company Inc.

111 South Street

Passaic NJ 07055-7398

Information Telephone: 1-800 221-9330

Internet: www.herchem.com



Preparation Date 07-Jul-2006

Revision Date Apr 17, 2012

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Hercules Cryo-tek - 100/AL

Recommended Use Antifreeze

Supplier Address

Hercules Chemical Company, Inc.

111 South St. Passaic, NJ 07055 TEL: 973-778-5000

Company Emergency Phone Number 1-800-221-9330

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Orange Physical State Liquid Odor Odorless

Potential Health Effects

Principle Routes of Exposure Skin contact, Eye contact.

Acute Effects

Eyes May cause irritation.

Skin May cause skin irritation and/or dermatitis.

Inhalation None known.

Ingestion Ingestion may cause stomach discomfort.

Chronic Effects No known effect based on information supplied

Aggravated Medical Conditions Skin disorders.

Potential Environmental Effects See Section 12 for additional Ecological information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propylene Glycol	57-55-6	30-60
NJTSR # 31348300 5065P	Proprietary	1-5

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a

physician.

Skin Contact Wash skin with soap and water

Inhalation Move to fresh air

Ingestion Clean mouth with water and afterwards drink plenty of water

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties Not flammable

Flash Point No data available

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Hazardous Combustion Products Carbon oxides, Phosphorus oxides.

Explosion Data

Sensitivity to mechanical impact Not sensitive
Sensitivity to static discharge Not sensitive

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

<u>NFPA</u>	Health 0	Flammability 0	Instability 0	Physical Hazard -
HMIS	Health 0	Flammability 0	Instability 0	

6. ACCIDENTAL RELEASE MEASURES

Personal PrecautionsUse personal protective equipment. Avoid contact with the skin and the eyes.

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin

and eyes.

Storage Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of

children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure GuidelinesThis product does not contain any hazardous materials with occupational exposure limits

established by the region specific regulatory bodies.

Engineering Controls Showers

Eyewash stations Ventilation systems

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields.

Skin Protection No special protective equipment required

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory

protection should be worn.

General Hygiene Considerations

Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

AppearanceOrangeOdorOdorlessPhysical StateLiquidpH7.0-8.5

Flash PointNo data availableAutoignition TemperatureNot applicableBoiling Point/Range110°C / 230°FMelting Point/RangeNo data available

Flammability Limits in Air No data available

Specific Gravity 1.05 Water Solubility Soluble in water

Solubility No data available VOC Content None

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended storage conditions.

Conditions to Avoid None known based on information supplied.

Incompatible Materials Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide, Carbon dioxide (CO2).

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product has not been tested as a whole for acute toxicity hazard.

Chemical Name LD50 Oral		LD50 Dermal	LC50 Inhalation	
Propylene Glycol	20000 mg/kg (Rat)	20800 mg/kg (Rabbit)		

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this product.

Reproductive EffectsThis product does not contain any known or suspected reproductive hazards.

Target Organ Effects None known

Endocrine Disruptor InformationThis product does not contain any known or suspected endocrine disruptors.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment.

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Propylene Glycol	EC50 = 19000 mg/L 96 h		EC50 = 710 mg/L 30 min	EC50 > 10000 mg/L 48 h

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

<u>ICAO</u> Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

EINECS/ELINCS

ENCS

CHINA

Does not Comply

AICS

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health HazardNoChronic Health HazardNoFire HazardNoSudden Release of Pressure HazardNoReactive HazardNo

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
NJTSR # 31348300 5065P		X			

International Regulations

Mexico - Grade Minimum risk, Grade 0

Canada

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

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

Preparation Date 07-Jul-2006

Revision Date 07-15-2008

Revision Summary No information available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS