

Material Safety Data Sheet

ENDURON

Identify (Trade Name As Used On Label)

Huey Chemical Corporation

Manufacturer

13821 Monroe's Business Park

Address

Tampa, FL 33635

813-854-2153

Phone Number (For Information)

800-424-9300 (CHEMTREC)

Emergency Phone Number

1/29/2004

Date Prepared

Robert A. Huey

Prepared by

703-527-3887 (CHEMTREC, collect calls accepted)

International Emergency Phone Number

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogene 0.1% or greater)	%	OSHA PEL	ACIH TLV	Other Limits Recommended
Polyalkylene Glycol (Oxirane) CAS: 9038-95-3	>99.0	---	---	NONE
Proprietary	<1.0	---	---	
Priority Chemicals	100			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	Not Available	Specific Gravity (H2O - 1)	8.6 lb/gal
Vapor Pressure (mbar and Temperature)	0.08 mbar (20°C) 0.70 mbar (50°C)	Pour Point, °F	-55
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = 1)	No information found.
Solubility in Water	Miscible in water.	Water Reactive	N/A
pH	5.5-7.5	Viscosity	200 centipoise @ 40 C
Appearance and Odor	Yellowish or red, clear liquid with a glycol odor.		

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point & Method Used	>390 Typical	Auto-Ignition Temperature	N/A	Flammability Limits in Air % by Volume	N/A	LEL	N/A	UEL	N/A
Extinguisher	Use any means for extinguishing fire.								
Media	Water spray, dry chemical, alcohol foam, or carbon dioxide.								
Special Fire Fighting Procedures	Firefighters should be equipped with self-contained breathing apparatus and turn out gear.								
Unusual Fire and Explosion Hazards	N/A								

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid	None known.
Incompatibility (Materials to Avoid)	No data available.		
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid	No data available.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES Inhalation Ingestion NTP OSHA
 OF ENTRY Skin Absorption Not Hazardous LISTED IN IARC Monograph Not Listed

HEALTH HAZARDS Acute **Contact with the eyes may result in slight, temporary irritation. Prolonged or repeated skin contact may result in irritation. Inhalation may result in respiratory irritation. Ingestion may result in gastric disturbances.**
 Chronic **There are no known chronic effects associated with this material.**

Signs and Symptoms of Exposure **None known.**
 Medical Conditions
 Generally Aggravated by Exposure **None known.**

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment if necessary.

Eye Contact **Wash thoroughly with running water for 15 minutes.**
Get medical advice if irritation develops.
 Skin Contact **Wash exposed area with soap and water.**
Get medical advice if irritation develops.
 Inhalation **Move to fresh air. Aid in breathing if necessary.**
Get medical attention for any breathing difficulties.
 Ingestion **If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.**

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type) **If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air-supplied respirator as appropriate.**

Protective Clothing **Gloves, overalls, apron, boots as necessary to prevent contact.** Eye Protection **Wear face shield if splashing exists.**

VENTILATION Local Exhaust Mechanical (general) Special
 TO BE USED Other (Specify)

Other Protective
 Clothing and Equipment **None required.**
 Hygienic Work
 Practices **Use good housekeeping measures.**

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material Is Spilled Or Released **Spills should be contained and placed in suitable containers for proper disposal. This material is not regulated by RCRA or CERCLA ("Superfund). Wear appropriate respiratory protection and protective clothing and provide ventilation during cleanup.**

Waste Disposal Methods **Dispose of in a licensed facility. Follow local, state, and federal regulations.**
 Precautions to be Taken in Handling and Storage **Avoid spilling and walking on spilled area. Keep containers closed. Store at temperatures below 80 C.**
 Other Precautions and/or Special Hazards **None known.**

TSCA Inventory Status

Listed on Inventory: **YES**
 RCRA Haz. Waste No.: **N/A**
 CERCLA: **NO**
 State Regulatory Information: (By Component) **NJ/PA/MA RTK**
CAS: 9038-95-3 **NO**
NAME: Oxirane, methyl-, polymer

NFPA/HMIS

Rating* Health 1 Flammability 1 Reactivity 0 Special N/A

WARNING: This product may contain trace amounts of ethylene oxide and/or propylene oxide, and 1,4 dioxane, chemicals known by the state of California to cause cancer and/or birth defects or reproductive harm.

SECTION 8 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

N/A

DOT Technical Name:

N/A

DOT Primary Hazard Class:

N/A

DOT Secondary Hazard Class:

N/A

DOT Label Required:

N/A

DOT Placard Required:

N/A

DOT Poison Constituent:

N/A

This product is considered a non-hazardous product by the D.O.T.

BILL OF LADING DESCRIPTION:

Not regulated by the Department of Transportation

"IMPORTANT: While the descriptions, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions designs, data, and information furnished by Huey Chemical hereunder are given gratis and Huey Chemical assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk".