

Material Safety Data Sheet

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

AQUAFLOW

Identify (Trade Name As Used On Label)

3/9/2002

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
Water	40.0-50.0	---	---	NONE
Morpholine	0.0-2.0	20 ppm	20 ppm	
Diethylene Glycol	40.0-50.0	---	---	
Proprietary	10.0-22.0	---	---	
Priority Chemicals	100			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	215 Typical	Specific Gravity (H ₂ O - 1)	9.018 lb/gal
Vapor Pressure (mm Hg and Temperature)	N/A	Pour Point	-50 F
Vapor Density (Air = 1)	N/A	Evaporation Rate (_____ = 1)	No information found.
Solubility in Water	Miscible in water.	Water Reactive	N/A
pH	~9.5		
Appearance and Odor	Red clear liquid with a glycol odor.		

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point & Method Used	N/A	Auto-Ignition Temperature	765 F	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	N/A								
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 OF ENTRY	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion	CARCINOGEN LISTED IN	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA
	<input checked="" type="checkbox"/> Skin Absorption	<input type="checkbox"/> Not Hazardous		<input checked="" type="checkbox"/> IARC Monograph	<input checked="" type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute	Prolonged or repeated contact may cause skin or eye irritation.			
	Chronic	May cause liver & kidney injury if large amounts are ingested.			

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.**

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.**

Get medical attention for any breathing difficulties.

Ingestion **Give water to rinse mouth and give several glasses of water to dilute.**

If large amounts were swallowed, get medical advice.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection

(Specify Type) **None required.**

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.**

Waste Disposal

Methods **Dispose of in a licensed facility.**

Precautions to be Taken

in Handling and Storage **Avoid spilling and walking on spilled area. Keep containers closed.**

Other Precautions and/or Special Hazards **None known.**

NFPA/HMIS

Rating* Health 2 Flammability 1 Reactivity 0 Special 0