

MATERIAL SAFETY DATA SHEET

"IRC-5000-SUPER CONCENTRATE"

Section I



CHEMICALS & EQUIPMENT, INC.

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(713) 644-1492

Telephone Number for Information
(713) 644-1492

Date Prepared
January 5, 2014

Section II — Hazardous Ingredients/Identity Information

Hazardous Components <i>(Specific Chemical Identity: Common Name(s))</i>	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Glycol Ether EPH (Cas#122-99-6, Cas#104-68-7)	25-PPM	25-PPM		
Triethanolmine(Cas#102-71-6)	5MG/M3	5MG/M3		

Section III — Physical/Chemical Characteristics

Boiling Point	550 F	Specific Gravity (H ₂ O =1)	1.075
Vapor Pressure (mm Hg.)	N/A	Melting Point	Liquid
Vapor Density (AIR = 1)		Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water
100%

Appearance and Odor
Clear colorless liquid with a very unpleasant odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Above 220-F	Non-Flammable	N/A	N/A

Extinguishing Media
B&C or foam/chemicals with water

Special Fire Fighting Procedures
None

Unusual Fire and Explosion Hazards
Non-Flammable

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid
	Stable		

Incompatibility (Materials to Avoid)

Oxidizers

Hazardous Decomposition or Byproducts

Oxides of carbon & sulfur

Hazardous Polymerization	May Occur	X	Conditions to Avoid
	Will Not Occur		

Section VI — Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	X	X	X

Health Hazards (Acute and Chronic)

Miosis, rhinitis, headaches, light chest, wheezing, laryngeal spasms, salivating, anorrhea, nausea, abdominal cramps, diarrhea, paralysis, convulsions, low blood pressure, cardiac irregularities, irritation of skin & eyes.

Carcinogenicity N/A NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure

Irritation of skin, eyes and ent. & GI tract.

Medical Conditions (Generally Aggravated by Exposure)

Skin, heart, lung, Ent, & GI tract.

Emergency and First Aid Procedures

Eye: Irrigate immediately; Skin: Soap wash immediately; Breathing: Respiratory support; Swallow: Medical attention immediately & all other instances.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Stop further spillage using absorbent contain product. Scoop up and place in a metal container. Dispose of in accordance with local, state, and federal regulations.

Waste Disposal Method

Place in approved containers. Dispose of in accordance with local, state, and federal regulations through an approved TSD.

Precautions to Be Taken in Handling and Storing

Prevent further spillage/contamination and store in an approved container. Handle to prevent further spillage.

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None known to be required.

Ventilation	Local Exhaust Recommended	Special
	Mechanical (General) Ventilation recommended	Other

Protective Gloves

Neoprene

Eye Protection

Goggles/face shield

Other Protective Clothing or Equipment

Long sleeved clean clothing

Work/Hygiene Practices

Good Housekeeping and wash all spills from exposed areas of body