

MATERIAL SAFETY DATA SHEET

SUPERIOR SYBERGEL

DATE REVISED: January 1, 2014

Product Name: Superior Sybergel

Manufacturer: Superior Flux & Mfg. Co. 6615 Parkland Blvd. Cleveland, OH 44139

Emergency Phone Number: 1-800-424-9300 (CHEMTREC)

Other Information Calls: (440) 349-3000

To the Purchaser: This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

H.M.I.S. INFORMATION: HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0

SECTION I – IDENTIFICATION

Common Name: Superior SyberGel

Chemical Family: Flux and cleaner

CAS Number: NA

Chemical Name: NA

Formula: See below

SECTION II - COMPOSITION INFORMATION

Components	CAS Number	%	OSHA PEL
Polyethylene Glycol	25322-68-3	60-80	NA
Urea	57-13-6	1-10	NA
Carboxylic Acid	68937-69-9	19-30	NA

Unlisted percentages are non-hazardous stabilizers, and water. None of the materials in this product are listed in NTP, IARC, or OSHA as carcinogens.

SECTION III - HEALTH HAZARDS

Primary Routes of Entry: Fume inhalation, ingestion, skin, and eyes.

Signs and Symptoms of Exposure:

- 1) **Acute Effects:** Reddening of skin and eyes, acid stomach if ingested.
- 2) **Chronic Effects:** No specific information available.

Medical Conditions Generally Aggravated by Overexposure: None presently known.

Chemical Listed as a Carcinogen or Potential Carcinogen: None

OSHA Permissible Exposure Limit (PEL): 15 PPM

ACGIH Threshold Limit Value (TLV): 15 PPM

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for 10 minutes. Call a physician.

Skin: Wash thoroughly with water.

Inhalation: Remove to fresh air.

Ingestion: Drink water or milk. Call a physician immediately.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 177°C/350°F

Flammable Limits: Lower-NA upper-NA

Extinguishing Media: Dry chemical

Auto Ignition Temperature: None

Special Fire Fighting Procedures: Normal caution when dealing with chemicals

Unusual Fire and Explosion Hazards: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is spilled: First neutralize with soda ash or sodium bicarbonate, dilute with water, and dispose of in accordance with EPA regulations. Wash residual amounts with lots of water.

SECTION VII - HANDLING AND STORAGE

Storage Requirements: Store away from heat to protect plastic containers.

Handling Precautions: Safe precautionary practices to prevent exposure to skin and fumes.

Other Precautions: Trace amounts of ethylene oxide may be present in this product. Trace amounts could accumulate in headspace after heating, but will not yield concentrations greater than 0.5 PPM.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (TYPE): NIOSH Approved respirator.

Ventilation: Yes

Mechanical (General): Yes **Local Exhaust:** Yes

Eye Protection: Safety glasses

Protective Gloves: Recommended, NIOSH approved

Other Protective Clothing or Equipment: Optional to user's preference

SECTION IX - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: NA

Specific Gravity (Water = 1): 1.19

Vapor Pressure (mm Hg): NA

Percent Volatile by Volume: 80.0%

Vapor Density (Air = 1): NA

Evaporation Rate (Butyl Acetate = 1): NA

Melting Point: NA

Solubility in Water: Unlimited

Reactivity in Water: None

Appearance and Odor: Clear viscous liquid

SECTION X - STABILITY AND REACTIVITY

Stability: Product is stable

(Conditions to Avoid): NA

Incompatibility: None

Hazardous Decomposition Products: CO, CO₂

Hazardous Polymerization: NA

(Conditions to Avoid): NA

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Toxicity Data

- 1) **Oral:** LD-50 (rat): Not available
- 2) **Inhalation:** LC-50 (rat): Not available
- 3) **Dermal:** LD-50 (rabbit): Not available
- 4) **Skin Irritation:** (rabbit): Not available

Chronic Toxicity Data

- 1) **Repeated Skin Application:** (rat): Not available
- 2) **Eye Irritation:** (rabbit): Not available

SECTION XII - ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with EPA regulations

SECTION XIV- TRANSPORTATION

D.O.T. Proper Shipping Name: Non-hazardous

Hazard Class: NA

Identification Number: NA **Packing Group:** NA

Type D.O.T Label Required Information: NA

Waste Disposal Method: Dispose in accordance with EPA regulations.

SECTION XV - REGULATORY INFORMATION

OSHA Hazardous Chemical According to 29 CFR 1910.1200: NA

Carcinogenicity Classification: (Components Present at 0.1% or More)

International Agency for Research on Cancer (IARC): NA

American Conference of Governmental Industrial Hygienists (ACGIH): NA

National Toxicology Program (NTP): NA

Occupational Safety and Health Administration (OSHA): NA

All Components of this Product are Listed on the U.S. Toxic Substances Control Act Inventory or Otherwise Comply with TSCA Pre-manufacture Notification Requirements.

This Product is RoHS Compliant.

SECTION XVI - OTHER INFORMATION

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