

# SAFETY DATA SHEET

## SUPERIOR NO. 5700-SFM

DATE REVISED: January 1, 2016

**Product Name:** Superior No. 5700-SFM

**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 = 2      FLAMMABILITY = 0      REACTIVITY = 0**

### SECTION I - IDENTIFICATION

**Common Name:** Superior No. 5700-SFM

**Chemical Family:** Soldering Flux

**CAS Number:** NA

**Chemical Name:** NA

**Formula:** See below

### SECTION II – HAZARDS IDENTIFICATION

Classification of Substance or Mixture:

**Classification (CLP):** Corrosive

**Label Elements (CLP):** No Data Available



Corrosive      Irritant

**Risk Phrases:** R36/37/38, R41

**Safety Phrases:** S26, S36

See section XVI for full text description of S and R phrases

**Other Hazards:** None if used properly

### SECTION III- COMPOSITION INFORMATION

| Components              | CAS Number | EC No.    | %      | OSHA PEL             |
|-------------------------|------------|-----------|--------|----------------------|
| Sodium Hydrogen sulfate | 7681-38-1  | 231-665-7 | 10-25  | 10 mg/m <sup>3</sup> |
| Tripropylene Glycol     | 25498-49-1 | 246-466-0 | 2.5-10 | NA                   |

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

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## SECTION IV- HEALTH HAZARDS

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

**Signs and Symptoms of Exposure:**

- 1) **Acute Effects:** Reddening of eyes and skin, acid stomach if ingested, inhalation may cause respiratory tract irritation.
- 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):** 5 mg/m<sup>3</sup>

**ACGIH Threshold Limit Value (TLV):** 5 mg/m<sup>3</sup>

## 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 or administer oxygen. Call a physician.

**Ingestion:** If patient is fully conscious, give two glasses of water. Obtain medical attention immediately.

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## SECTION V - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** NA

**Flammable Limits:** NA

**Extinguishing Media:** Not necessary.

**Auto Ignition Temperature:** NA

**Special Fire Fighting Procedures:** Normal caution when dealing with chemicals.

**Unusual Fire and Explosion Hazards:** None

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## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is spilled:** Absorb with clay, dry sand, or other inert material. Do not use combustible materials like sawdust. Place in chemical waste container.

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## SECTION VII - HANDLING AND STORAGE

**Storage Requirements:** Store in plastic containers in cool area, away from heat.

**Handling Precautions:** Safe precautionary practices to avoid spills and exposure to skin and fumes.

**Other Precautions:** NA

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## SECTION VIII - CONTROL MEASURES

**Respiratory Protection (TYPE):** NIOSH approved respirator.

**Ventilation:** Yes

**Mechanical (General):** Yes

**Local Exhaust:** Yes

**Eye Protection:** Safety glasses/goggles

**Protective Gloves:** Yes, NIOSH approved

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

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## SECTION IX - PHYSICAL AND CHEMICAL CHARACTERISTICS

**Boiling Point:** 104°C/220°F

**Specific Gravity (Water = 1):** 1.154

**Vapor Pressure (mm Hg):** NA

**Percent Volatile by Volume:** 80%

**Vapor Density (Air = 1):** NA

**Evaporation Rate (Butyl Acetate = 1):** NA

**Melting Point:** NA

**Solubility in Water:** Unlimited

**Appearance and Odor:** Dark blue liquid, solvent odor

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## SECTION X - STABILITY AND REACTIVITY

**Stability:** Product is stable

**(Conditions to Avoid):** Metals

**Incompatibility:** Avoid contact with strong acids and strong oxidizers.

**Hazardous Decomposition Products:** Aldehydes, ketones, and organic acids.

**Hazardous Polymerization:** Will not occur

**(Conditions to Avoid):** NA

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## 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
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## SECTION XII - ECOLOGICAL INFORMATION

**This Material has not been Tested for Environmental Effects.**

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## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with EPA regulations.

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## SECTION XIV- TRANSPORTATION

**D.O.T. Proper Shipping Name:** Bisulphates, Aqueous Solution

**Hazard Class:** 8

**Identification Number:** UN2837

**Packing Group:** II

**Type D.O.T Label Required Information:** Corrosive

**Waste Disposal Method:** Dispose in accordance with EPA regulations

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## SECTION XV - REGULATORY INFORMATION

**OSHA Hazardous Chemical According to 29 CFR 1910.1200:** None

**Carcinogenicity Classification (Components Present at 0.1% or More):** Non-Carcinogenic

**International Agency for Research on Cancer (IARC):** Not Listed

**American Conference of Governmental Industrial Hygienists (ACGIH):** Not Listed

**National Toxicology Program (NTP):** Not Listed

**Occupational Safety and Health Administration (OSHA):** Not Listed

**None of the 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.**

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## SECTION XVI - OTHER INFORMATION

The labeling of this product is indicated in Section II. The full text of all abbreviations indicated by codes in the MSDS are as follows:

|      |  |
|------|--|
| R36  | Irritating to eyes   |
| R37  | Irritating to respiratory system   |
| R38  | Irritating to skin   |
| R41  | Risk of serious damage to eyes   |
| S-26 | In case of contact with eyes rinse immediately with water and seek medical attention |
| S-36 | Wear suitable protective clothing  |

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