SAFETY DATA SHEET
SUPERIOR NO. 96T
DATE REVISED: February 1, 2019

SECTION 1 - IDENTIFICATION
Product Name/Part number: Superior No. 96T
Recommended use: Flux Thinner
6615 Parkland Blvd Emergency Phone No. 1-800-424-9300 (CHEMTREC)
Cleveland OH, 44139

SECTION 2 – HAZARD(S) IDENTIFICATION
Classification of the substance or mixture
GHS Classification in accordance with OSHA HCS (29 CFR 1910)
- Flammable liquid (Category 2) – H225
- Skin irritant (Category 3) – H316
- Serious eye damage (Category 2A) – H319
- Specific target organ toxicity – Single exposure, Central nervous system (Category 3) – H336
- Acute aquatic toxicity (Category 2) – H401
- Chronic aquatic toxicity (Category 4) – H413

See below for full text of H-Statements
GHS Label Elements, including precautionary statements
Pictogram(s):

Signal Word: Danger

Hazard Statement(s)
- H225 Highly flammable liquid and vapor
- H316 Causes mild skin irritation
- H319 Causes serious eye irritation
- H336 May cause drowsiness or dizziness
- H401 Toxic to aquatic life
- H413 May cause long lasting harmful effects to aquatic life

Precautionary statement(s)
- P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking
- P240 Ground or bond container and receiving equipment
- P241+P242+P243 Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge
- P261 Avoid breathing mist, vapors, spray, or fumes
- P270 Do not eat, drink or smoke when using this product
- P271 Use only outdoors or in a well-ventilated area
- P273 Avoid release to the environment
P280 Wear protective gloves, protective clothing, and eye protection of butyl or “Viton”
P303+P361+P353 IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with plenty of soap and water
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor if you feel unwell.
P337+P313 If eye irritation persists: Get medical attention.
P370+P378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction
P391 Collect spillage
P403+P233+P235 Store in a well-ventilated place. Keep tightly closed and cool.
P405 Store locked up
P501 Dispose of contents to an approved waste disposal plant.

**Hazards not otherwise classified or not covered by GHS:** Repeated exposure may cause skin dryness or cracking

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**SECTION 3 – COMPOSITION INFORMATION**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>70-99</td>
</tr>
<tr>
<td>Mineral spirits</td>
<td>8032-32-4</td>
<td>1-30</td>
</tr>
</tbody>
</table>

**SECTION 4 – FIRST AID MEASURES**

**Description of first aid measures**

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Inhalation:** If breathed in, move to fresh air. If not breathing, give artificial respiration. Consult a physician.

**Eyes:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**Skin:** Wash off with soap and plenty of water. Consult a physician.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most Important Symptoms and effects, both acute and delayed

*The most important known symptoms and effects are described in section 2 (labeling)*
SECTION 5 – FIREFIGHTING MEASURES
Suitable Extinguishing Media: Use dry chemical, carbon dioxide, or alcohol-resistant foam
Special Hazards: Flammable. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Do not mix with strong oxidizing or dehydrating agents. Do not mix with strong oxidizing or dehydrating agents. Do not store in presence of oxidizing agents.
Special protective actions for firefighters: Wear protective clothing, including NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES
Personal Precautions and Equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapors, dust, or fumes. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. See section 8 for personal protection.
Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
In Case Material is spilled: Contain spillage, then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

SECTION 7 - HANDLING AND STORAGE
Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or fumes.
General Precautions: Do not eat, drink, or smoke while using this product. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas
For full precaution statements see Section 2
Storage Requirements: Keep container tightly closed in a cool and well-ventilated place.
SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

OSHA Permissible Exposure Limit (PEL): 200 ppm
ACGIH Threshold Limit Value (TLV): 200 ppm

Engineering Controls: Use local exhaust ventilation to maintain air concentrations of vapors and fumes below occupational exposure standards.

Special Engineering Control Needs: Explosion proof and non-sparking electrical equipment

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (USA) or ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested an approved under appropriate government standards such as NIOSH (USA) or CEN (EU).

Protective Gloves: Handle with gloves. (Nitrile Rubber recommended) Gloves must be inspected prior to use. Use proper glove removal techniques (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good lab practices. Wash and dry hands after handling.

Eye Protection: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (USA) or EN 166 (EU)

Body Protection: Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.
### SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>82°C/179.6°F (approx.)</td>
</tr>
<tr>
<td>Flash point</td>
<td>18.3°C/65°F (approx.)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>12%</td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>2%</td>
</tr>
<tr>
<td>Vapor pressure (mmHg)</td>
<td>33 (approx.)</td>
</tr>
<tr>
<td>Vapor density (Air = 1)</td>
<td>2.07 (approx.)</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.800 ± 0.050</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Partially miscible in water</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>398.9°C/750°F</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** No data available  
**Stability:** Product is stable under recommended storage conditions  
**Possibility of hazardous reactions:** No data available  
**Conditions to Avoid:** No data available  
**Incompatibility:** Strong oxidizing agents  
**Hazardous Decomposition Products:** No data available  

*In the event of fire: See Section 5*
SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Route(s) of Exposure: Inhalation, ingestion, skin and eye contact

Acute toxicity  No data available
Skin corrosion/irritation  No data available
Serious eye damage/eye irritation  No data available
Respiratory or skin sensitization  No data available
Germ cell mutagenicity  No data available

Carcinogenicity
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC  No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP  No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.
OSHA  No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by OSHA.

Reproductive toxicity  No data available
Specific target organ toxicity – Single exposure
  Respiratory system – May cause respiratory irritation
Specific target organ toxicity – Repeated exposure  No data available
Aspiration hazard  No data available

Additional information
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

SECTION 12 - ECOLOGICAL INFORMATION

TOXICITY
  No data available
Persistence and degradability  No data available
Bioaccumulative potential  No data available
Mobility in soil  No data available
Other adverse effects
  Hazard to ozone layer: No data available
SECTION 13 - DISPOSAL CONSIDERATIONS
Waste treatment methods
Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging Dispose of as unused product.

SECTION 14 - TRANSPORTATION
D.O.T. Proper Shipping Name: Flammable Liquid, NOS (Contains Isopropanol and Mineral Spirits)
Identification Number: UN1993 Hazard Class: 3
Packing Group: II Type D.O.T Label Required Information:
Flammable Liquid

SECTION 15 - REGULATORY INFORMATION
SARA 302 Components No components in this material are subject to the reporting requirement of SARA Title III, Section 302.
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards Acute Health Hazard, Flammable
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 - OTHER INFORMATION
Further information:
Judgments as to the suitability of information herein or the purchaser's purposes are necessarily the purchaser's responsibility. The above information does not represent any guarantee of the properties of the product. It is believed to be correct, but does not purport to be all inclusive and should be used only as a guide. Reasonable care has been taken in the preparation of this material, and is based on the present state of our knowledge.

Superior Flux & Mfg. Co. shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation information
Superior Flux & Mfg. Co.
440-349-3000