



## SAFETY DATA SHEET (SDS)

### 1 - IDENTIFICATION

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#### SAF-T-DRAW 150

**Chemical family:** Lubricant

**Recommended use:** Drawing & Stamping Metalworking

#### Tower Metalworking Fluids

4300 South Tripp Ave.

Chicago, IL 60632

**Information telephone #:** (773) 927-6161 (7:30 AM to 4 PM, CST, Monday to Friday)

**24 Hr. emergency telephone #:** CHEMTREC: (800) 424-9300

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### 2 - HAZARDS IDENTIFICATION

**Classification of chemical:**

This material is classified as non-hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012).

**Signal word:** None required.

**Hazard Pictogram:** None required.

**Hazard statement:** None required.

**Precautionary statement:** None required.

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### 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical name	CAS #	Concentration
Ingredients classified as non-hazardous under OSHA regulations (29CFR 1900-1200) (Hazcom 2012)		

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## 4 - FIRST-AID MEASURES

### Description of first aid measures:

Inhalation: N/A

Ingestion: Rinse mouth and drink water. Do not induce vomiting. Call MD.

Skin: Wash with warm water and mild soap. Remove contaminated clothing.

Eye: Remove contact lenses, if present and easy to do. Flush with water for 15 minutes or until irritation subsides.

### Symptoms and effects, both acute and delayed:

Acute: Prolonged exposure may cause skin and transient eye irritation.

Chronic: Repeated or prolonged skin contact may remove natural oils, resulting in development of dermatitis.

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## 5 - FIRE-FIGHTING MEASURES

### Extinguishing media:

Suitable: Use Foam, Carbon Dioxide, or Chemical Fire Fighting Apparatus.

Unsuitable: Straight streams of water.

**Specific hazards and combustion products:** Products may include and are not limited to oxides of carbon upon combustion.

**Special protective equipment and precautions for fire-fighters:** Use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel. If a spill has not ignited, use water spray to disperse vapors.

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## 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** All persons dealing with the spill should wear appropriate personal protective equipment. Keep others away from spill. Restrict access to area until the spill has been cleaned up. Extinguish all sources of ignition.

**Methods and materials for containment and cleaning up:** Extinguish all sources of ignition. Contain spill and transfer to suitable containers or soak up in absorbent medium. SURFACES CAN BE SLIPPERY. If spill enters sewer, notify proper authorities.

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## 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Avoid prolonged or repeated skin contact. Wash thoroughly before meals and at end of work periods. Launder or dry-clean soiled clothing before reuse.

**Conditions for safe storage:** Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

**Incompatible materials:** Strong oxidizing agents.

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## 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure limits:** No exposure standards have been established for this material.

**Engineering controls:** None required under normal use conditions

**Individual protection measures and personal protective equipment:** Splash goggles, oil and chemical resistant gloves, impervious apron if needed to avoid prolonged skin contact.

**TLV:** N/D

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## 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Pale, Yellow Liquid
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	Data currently unavailable
<b>Product pH:</b>	N/A
<b>Freezing point:</b>	Data currently unavailable
<b>Boiling point:</b>	>200°F (93°C)
<b>Flash point:</b>	>500°F (260°C) COC
<b>Evaporation rate:</b>	<1 (BA=1)
<b>Flammability:</b>	Data currently unavailable
<b>Upper/lower flammability limits:</b>	Data currently unavailable
<b>Vapor pressure:</b>	Data currently unavailable
<b>Vapor density:</b>	>1 (Air = 1)
<b>Relative density:</b>	0.9 (Water = 1)
<b>Solubility:</b>	Negligible solubility in water.
<b>Partition coefficient (n-octanol/water):</b>	Information not available.
<b>Auto-ignition temperature:</b>	Information not available.
<b>Decomposition temperature:</b>	Information not available.
<b>Viscosity:</b>	N/D
<b>Percent volatile by volume:</b>	0.0 g/l

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## 10 - STABILITY AND REACTIVITY

**Chemical stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** Material does not decompose at ambient temperatures. No dangerous decomposition products known if used according to product specifications.

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## 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Inhalation: Yes

Ingestion: Yes

Skin: Yes

Eye: Yes

### Potential Symptoms of exposure:

Inhalation: No information available.

Ingestion: No information available.

Skin: Not expected to cause serious irritation.

Eye: Not expected to cause serious irritation.

**Toxicological data:** No data available.

**NTP, IARC or OSHA carcinogen:** None of the constituents of this product have been identified as possible or proven carcinogens by NTP, IARC, or OSHA.

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## 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Data not available.

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Data not available.

**Other adverse effects:** None known.

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### 13 - DISPOSAL CONSIDERATIONS

**Waste disposal method:** Dispose of in accordance with federal, state and local regulations.

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### 14 - TRANSPORT INFORMATION

**DOT Shipping:** Not regulated by the U.S. Department of Transportation as a hazardous material.  
**DOT Hazard class:** Not Regulated.  
**UN/NA Number:** Not Regulated.

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### 15 - REGULATORY INFORMATION

**Sara III** (Superfund Amendment and Reauthorization Act of 1986) 40 CFR Part 372 and 40 CFR Part 355

Sections 302, 304 and 40 CFR Part 355 – Extremely Hazardous Substances:

Component	%	RQ (lbs.)	TPQ (lbs.)	CAS#
NONE	–	–	–	–

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Sections 311, 312 and 40 CFR Part 355 – Hazard Categories:

<b>ACCUTE(IMMEDIATE HEALTH HAZARD):</b>	YES	<b>FIRE HAZARD:</b>	NO
<b>CHRONIC (DELATED HEALTH HAZARD):</b>	NO	<b>REACTIVE HAZARD:</b>	NO
<b>SUDDEN PRESSURE RELEASE:</b>	NO		

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Sections 313 and 40 CFR Part 372 – Toxic Chemicals:

Component	%	CAS#
NONE	–	–

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**CERCLA** (Comprehensive Environmental Response, Compensation and Liability Act)

Section 102 and 40 CFR Part 302 – Hazardous Substances:

Component	%	RQ (lbs.)	CAS#
NONE	–	–	–

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### CLEAN WATER ACT

Under section 311 (b) (4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center. SECTION 311 (b) (4) DOES NOT APPLY TO SAF-T-DRAW 150

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**California Proposition 65:** None of the ingredients are listed.

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**TSCA** (Toxic Substances Control Act): All components of this formula are listed in the TSCA inventory.

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### 16 - OTHER INFORMATION

**Preparation Date:** April 22, 2015

**Revision Date:** June 13, 2017

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*The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct, TOWER METALWORKING FLUIDS makes no representations as to its accuracy or sufficiency, usage, or the hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of this information under their own operation conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other material in any other process.*