

SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tec-Guard
400 S 14th Ave
Eldridge, IA 52748

I. PHYSICAL DATA

PRODUCT NAME: CUT-SMO-32
CHEMICAL FAMILY: Screw Machining Oil
FORMULA: Trade Secret

INFORMATION PHONE: (800) 522-1150
EMERGENCY PHONE: 1-800-424-9300, CHEMTREC

II. HAZARDOUS IDENTIFICATION

NFPA RATING (SCALE 0-4) Health = 1 Flammability = 1 Reactivity = 0

EMERGENCY OVERVIEW: Do not ingest. Do not inhale dust. Use adequate ventilation and wash after handling.

GHS CLASSIFICATION:

Health

Eye Irritation: Cat. 2B
Skin Irritation: Cat. 3

Environmental

Chronic Aquatic Toxicity: Not established

GHS LABEL ELEMENTS:

Symbol(s):



Signal Word

Warning

Hazard Statements

May be harmful if swallowed. May cause skin and eye irritation.

Precautionary Statements

Wear protective gloves/protective clothing/eye protection/face protection IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

III. COMPOSITION/ INFORMATION ON INGREDIENTS**COMPONENT:** Trade Secret**CAS NUMBER:**

Distillate Petroleum Solvent Refined Heavy Paraffinic Oil	64741-88-4	75-80%
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	1-10%
Calcium salts	68783-96-0	1-10%
Sulfurized Olefin	68515-88-8	1-5%
Chlorinated Alkanes	1372804-76-6	1-5%

IV. FIRST AID MEASURES

EYE CONTACT: Wash eyes with water for at least 30 minutes. If irritation persists, get medical attention.

SKIN CONTACT: Wash affected area with soap and water for approximately 30 minutes

INHALATION: Remove exposed person to fresh air.

INGESTION: Do not induce vomiting. Get immediate medical attention.

V. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use carbon dioxide, foam, sand or sodium bicarbonate.

**SPECIAL FIRE
FIGHTING**

PROCEDURES: Avoid breathing vapors or dusts. Use self-contained breathing apparatus with full face piece and protective clothing.

UNUSUAL FIRE

AND EXPLOSIVE**HAZARDS:** None known.**VI. ACCIDENTAL RELEASE MEASURES****IF MATERIAL IS RELEASED OR SPILLED:** Contain spill and transfer to suitable containers.

Stop leak if you can do it without risk.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal.**Large Spills:** Dike far ahead of spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.**VII. HANDLING AND STORAGE****STORAGE:** Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances.

Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store in closed containers away from extreme heat, sparks, open flame or oxidizing materials.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION**SKIN PROTECTION:**

Wear appropriate protective gloves to prevent direct contact.

EYE PROTECTION:

Wear safety goggles to prevent eye contact with substance.

RESPIRATORY PROTECTION:

Under certain circumstances where airborne concentration are expected to exceed exposure limits, select a NIOSH/MSHA approved respirator based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

OTHER PROTECTIVE EQUIPMENT:

Impervious apron if needed to avoid prolonged or repeated skin contact.

ENGINEERING CONTROLS:

Good general ventilation and/or local exhaust ventilation at the point of generation is recommended.

PERSONAL PROTECTIVE EQUIPMENT (Pictograms):

IX. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.90-1.00
BY VOLUME:	Nil
APPEARANCE:	Amber liquid
ODOR:	Petroleum Odor
VAPOR DENSITY:	>1.0
FLASH POINT:	350°F Minimum
FLAMMABLE LIMITS	LOWER: N/A UPPER: N/A

X. STABILITY AND REACTIVITY

STABILITY:	This product is stable at ambient temperatures.
CONDITIONS TO AVOID:	Extreme heat or cold.
INCOMPATIBILITY:	Avoid contact with strong acids and strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Exposure to high temperatures, such as those associated with fires causes product decomposition, resulting in the release of carbon monoxide, carbon dioxide, and other decomposition products.
HAZARDOUS POLYMERIZATION:	Will not occur.

XI. TOXICOLOGY INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS:

Eye:	Eye contact may result in slight irritation and redness.
Skin:	Short term contact with skin is unlikely to cause problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne, cracking and defatting of the skin.
Ingestion:	May result in nausea or stomach discomfort.
Inhalation:	Inhalation of vapors or mist may be irritating to respiratory passages. Target Organ for mineral oil mist is lungs. Prolonged exposure may result in dizziness and nausea.

POTENTIAL CHRONIC HEALTH EFFECTS:

Chronic effects:	No known significant effects or critical hazards.
Target organs:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.

XII. ECOLOGICAL INFORMATION

No information available.

XIII. DISPOSAL INFORMATION

WASTE DISPOSAL: Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state and local regulations.

XIV. TRANSPORTATION INFORMATION

No classifications currently assigned.

XV. REGULATORY INFORMATION**SECTION 302 EXTREMELY HAZARDOUS CHEMICALS:**

Component	CAS#	% by Wt.
None		

SECTION 313 TOXIC CHEMICALS:

Component	CAS#	% by Wt.
None		

SARA TITLE III:

ACUTE (IMMEDIATE HEALTH HAZARD): No

CHRONIC (DELAYED HEALTH HAZARD): No

SUDDEN PRESSURE RELEASE: No

FIRE HAZARD: No

REACTIVE HAZARD: No

CERCLA (Comprehensive Environment Response, Compensation and Liability Act):

There is no calculable reportable quantity (RQ) for this product.

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.

XVI. OTHER INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:

All components of this formula are included in the TSCA inventory. This product does not contain nor was manufactured with Class 1 or 11 ozone depleting chemicals, Section 611 of the Clean Air Act.

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, Tec-Guard 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 operating 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 process.

Tec-Guard
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