

SAFETY DATA SHEET



Date Prepared : 05/05/2016

SDS No : SS Oil

Date Revised : 02/26/2026

Revision No : 2

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200
PRODUCT DESCRIPTION: Soluble Oil Grinding Coolant
PRODUCT CODE: SS Oil
PRODUCT FORMULATION NAME: SS Oil
CHEMICAL FAMILY: Soy Based Soluble Oil

MANUFACTURER

Technichem
 P.O. Box 475
 Rupert, ID 83350
Emergency Contact: Corporate Office
Emergency Phone: 208-531-4100
Customer Service: 208-531-4100
Transportation: 1-800-633-8253 PERS

24 HR. EMERGENCY TELEPHONE NUMBERS

PERS 1-800-633-8253 contract # 8575

2. HAZARDS IDENTIFICATION

GHS LABEL

Causes skin and eye irritation.

HAZARD STATEMENTS

H316: Causes mild skin irritation.
 H320: Causes eye irritation.
 0814J8EO: No Signal Word Assigned - Non Hazardous Material

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	< 5	64742-52-5
P-cresol	< 1	106-44-5
Soybean Oil	> 95	8016-70-4

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation and redness

SKIN: Irritation and redness, acid burning, which may not accure until at some point after exposure.

SKIN ABSORPTION: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or juice. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: NA = Not Applicable

GENERAL HAZARD: None Expected.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: None

OTHER CONSIDERATIONS: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: None

COMMENTS: Notice: The use of SS Oil in machining Stainless Steel may cause the swarf to oxidize and get hot which in turn may cause a spontaneous combustion fire if the waste is allowed to come in contact with a combustible material. Use caution in maintaining the stainless steel waste. BHT is added to reduce the oxidation on the waste.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Mop up with detergent & water & rinse with water, or wipe up with toweling and let dry.

LARGE SPILL: After removal, flush contaminated area thoroughly with water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LAND SPILL: None Expected.

AIR SPILL: None Expected.

GENERAL PROCEDURES: Clean up spills immediately, observing precautions in Protective Equipment section.

RELEASE NOTES: Avoid runoff into storm sewers and ditches which lead to waterways.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing.

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE TEMPERATURE: Store in a cool place below (120) F (49) C.

LOADING TEMPERATURE: NA = Not Applicable

LOADING/UNLOADING VISCOSITY: NA = Not Applicable

STORAGE PRESSURE: NA = Not Applicable

SHELF LIFE: At least 2 years from date of manufacture

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Nitrile gloves

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RESPIRATORY: No special ventilation requirements.

PROTECTIVE CLOTHING: normal work clothes

WORK HYGIENIC PRACTICES: Do not smoke when using this product or any chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: soy bean scent

APPEARANCE: Light Yellow Liquid

PHYSICAL STATE COMMENTS: NA = Not Applicable

pH: NA = Not Applicable

PERCENT VOLATILE: 99%

FLASH POINT AND METHOD: 266 F

AUTOIGNITION TEMPERATURE: Not yet Determined

VAPOR PRESSURE: .38 PSI

VAPOR DENSITY: .88 g/ml

BOILING POINT: 660 F

FREEZING POINT: < 20 F

THERMAL DECOMPOSITION: NA = Not Applicable

SOLUBILITY IN WATER: 100%

EVAPORATION RATE: Not yet Determined

SPECIFIC GRAVITY: .879

(VOC): < 3 grams / liter

10. STABILITY AND REACTIVITY

REACTIVITY: Stable.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

STABILITY: Stable.

CONDITIONS TO AVOID: Oxidizing materials.

POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS: Not yet Determined

INCOMPATIBLE MATERIALS: Not yet Determined

11. TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION: None Expected.

SERIOUS EYE DAMAGE/IRRITATION: May cause eye irritation.

RESPIRATORY OR SKIN SENSITISATION: May cause allergy or asthma symptoms or breathing difficulties if inhaled

GERM CELL MUTAGENICITY: None

CARCINOGENICITY

IARC: None Expected.

NOTES: None

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REPRODUCTIVE TOXICITY: None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: None Expected.

ECOTOXICOLOGICAL INFORMATION: None Expected.

BIOACCUMULATION/ACCUMULATION: None Expected.

DISTRIBUTION: NA = Not Applicable

AQUATIC TOXICITY (ACUTE): None Expected.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Avoid runoff into storm sewers and ditches which lead to waterways.

PRODUCT DISPOSAL: Disposal should be in accordance with regulations

EMPTY CONTAINER: recycle container

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME:

Grinding Coolant - Non-Hazardous

TECHNICAL NAME:

Grinding Coolant - Non-Hazardous

PRIMARY HAZARD CLASS/DIVISION: None

U.S. SURFACE FREIGHT CLASS: 55

PLACARDS: None

LABEL: None

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME:

Grinding Coolant - Non-Hazardous

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

R36: Irritating to eyes.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: No CHRONIC: No

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None

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Chemical Name	Wt.%	CERCLA RQ
P-cresol	< 1	100

EPA

EPA RQ INGREDIENT: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	64742-52-5
P-cresol	106-44-5
Soybean Oil	8016-70-4

CALIFORNIA PROPOSITION 65: None

CARCINOGEN: None

16. OTHER INFORMATION

APPROVED BY: Brian Rencher TITLE: President

PREPARED BY: Brian Rencher Date Revised: 02/26/2026

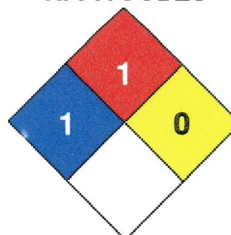
INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 05/20/2021 SDS.

HMIS RATING

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

NFPA CODES



MANUFACTURER DISCLAIMER: This SDS is written with the best of our chemical knowledge and with common sense and in every day terms. If you do not understand a term or phrase please ask a supervisor.