

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200**1. MATERIAL AND COMPANY IDENTIFICATION**

Material Name : Super S Transformer Oil

Manufacturer/Supplier : Smitty's Supply, Inc
PO Box 530
Roseland, LA 70456

MSDS Request : 985-748-9687

Emergency Telephone Number : 800-424-9300 – toll free in the U.S., Canada, and U.S. Virgin
CHEMTREC Islands.
703-527-3887 – for calls originating elsewhere.
(Collect calls accepted)

2. COMPOSITION/INFORMATION ON INGREDIENTS

A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces finished oil with a viscosity near 60 SUS @ 100°F (9 cSt @ 40°C).

Ingredient Name	CAS Number	%
Severely Hydrotreated Light Naphthenic Petroleum Oil	64742-53-6	> 99.7
Butylated Hydroxytoluene (BTH) or 2,6-Di-tert-butyl-p-cresol (DBPC)	128-37-0	< 0.3

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Severely Hydrotreated Light Naphthenic Petroleum Oil	5mg/m ³ (oil mist)	None estab.	5mg/m ³ (oil mist)	10 mg/m ³ (oil mist)	none estab.	none estab.	none estab.

3. HAZARDS IDENTIFICATION**Emergency Overview**

Not expected to cause a severe emergency hazard.

Potential Health Effects**Primary Entry Routes:** Skin

Inhalation: Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea. Target Organ for mineral oil mist is lungs.

Eye: Eye contact may result in slight irritation and redness.

Skin: Short term contact with skin is unlikely to cause any 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.

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Carcinogenicity: Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. NTP and OSHA do not list this product as a potential carcinogen.

Mutagenicity: This product gives negative mutagenic results from Modified Ames Assay.

Medical Conditions Aggravated by Long-Term Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

4. FIRST AID MEASURES

Eye Contact: Wash with water. If irritation or redness persists, seek medical help.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing. Reuse only after cleaning.

Inhalation: Remove to fresh air. Assist breathing if necessary. Seek medical help.

Aspiration: If there is any suspicion of aspiration into the lungs obtain medical advice.

Ingestion: If swallowed, observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Flash Point: > 295°F (> 145°C)

Flash Point Method: COC

Burning Rate: Not available

Auto Ignition Temperature: > 600 F (> 315 C)

Lower Explosive Level (LEL): Not determined

Upper Explosive Limit (UEL): Not determined

Flammability Classification: OSHA Class III-B Combustible Liquid

Extinguishing Media: Halon, dry chemical, foam, CO2 and water mist or fog. Water may be used to cool below flash point.

Unusual Fire or Explosion Hazards: Do not use forced stream as this could cause fire to spread.

Combustion Products: Fumes, smoke and carbon monoxide.

Fire-Fighting Instructions and Equipment: Use water to cool containers exposed to flames. Do not enter enclosed or a confined workspace without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).

6. ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedures: Stop spill at source if possible without risk. Contain spill. Eliminate sources of ignition. Spill area will be slick. Recover all possible material for reclamation. Use non-flammable absorbent material to pick up remainder of spill.

Spill to Navigable Waters: If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.

7. HANDLING AND STORAGE

Handling and Storage Precautions: Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. NFPA Class IIIB storage. Wash thoroughly after handling.

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Work / Hygienic Practices: Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Discard contaminated shoes and leather gloves.

Shelf Life: Product should be stored in clean, dry containers at ambient temperatures and it should remain stable with exception of slight color stability loss unless it is contaminated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposure limits.

Eye / Face Protection: Safety glasses or face shield where splashing is possible.

Skin Protection: As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.

Respiratory Protection: Not normally needed. Respirator should be used in areas where vapor concentrations are excessive due to high temperatures or where oil misting occurs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Clear & Bright

Color: Water white to pale

Odor: Mild Petroleum Odor

Odor Threshold: Not determined

Vapor Pressure: Not applicable

Vapor Density (Air=1): >5

Specific Gravity (H₂O=1): 0.88

Water Solubility: NIL

Boiling Point: 500-700°F (260-370°C)

Melting Point: -65°F (-55°C)

% Volatile: NIL LVP-VOC

Evaporation Rate: Not available

pH: Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable

Polymerization: Polymerization will not occur.

Chemical Incompatibilities: Strong Oxidizers.

Conditions to Avoid (Stability): Sources of ignition

Hazardous Decomposition Products: Combustion products include carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute Studies: Tests on similar materials show a low order of acute oral and dermal toxicity.

Eye Effects: Minimal irritation on contact.

Skin Effects: Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.

Acute Oral Effects: Tests on similar materials indicate low order of acute oral toxicity.

Acute Inhalation Effects: Low acute toxicity expected on inhalation.

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

This product is severely hydrotreated. Severely hydrotreated naphthenic petroleum oils have not been found to be carcinogenic or potential carcinogens.

12. ECOLOGICAL INFORMATION

Aquatic Release: Advise authorities if product has entered or may enter water courses or sewer drains.

13. DISPOSAL CONSIDERATIONS

Follow Federal, State, and Local regulations. Not a RCRA hazardous waste if uncontaminated. If "used", RCRA criteria must be determined. Do not flush to drain / storm sewer. Contract to authorized disposal service. If permitted incineration may be practical. Consider recycling.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated by DOT (Contains Oil)

Hazard Class: Not applicable

DOT ID No.: Not applicable

DOT Shipping Label: Not regulated by DOT

15. REGULATORY INFORMATION

U.S. Federal Regulatory Information:

CERCLA / SARA

302/303/304 Categories: Extremely Hazardous Substances None

311/312 Categories: Immediate (Acute) Health Effects No

Delayed (Chronic) Health Effects No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactivity Hazard No

313 Categories: Toxic Chemicals (40 CFR 372) None

Clean Air Act: Hazardous Air Pollutants (HAPS) None

Ozone Depleting Compounds (ODC) None

Clean Water Act: If spilled into navigable waters it is reportable to the National Response Center, 800-424-8802

(40 CFR 116; 401.15) Reportable Quantity=Oil Sheen present on navigable water surface

OSHA (29 CFR 1910): This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200

RCRA (40 CFR 261.33) This product does not meet hazardous waste criteria.

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

State Regulations:

California Prop 65	No Proposition 65 chemicals exists in this product, no labeling required.
Florida	No listed ingredients are present
Massachusetts RTK	No listed ingredients are present
Minnesota RTK	No listed ingredients are present
New Jersey RTK	Lists petroleum oil, but this product does not contain hazardous ingredients.
Pennsylvania RTK	Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.
Illinois DOL TSL	No listed ingredients are present

Other Regulations:

CONEG Metals:	Since cadmium, chromium, lead and mercury are not detectable and it does not exceed 100 ppm total in this product, it is compliant with CONEG Metals regulation.
EEC (Europe):	This product is not known to be a dangerous good internationally, unlabelled.
EPA/TSCA Inventory:	The components of this product are listed on the EPA/TSCA inventory CAS No. 64742-53-6
Foreign Inventories:	The components of this product are listed under the following foreign inventories: European Union's EINICS No. 265-156-6 Korea's ECL No. KE-12552 Australia's AICS No. 64742-53-6 Canada's DSL No. 64742-53-6 Philippines' PICCS – on List

16. OTHER INFORMATION

NFPA Hazard Rating (Health, Fire, Reactivity)	:	1, 1, 0
MSDS Version Number	:	2.0
MSDS Effective Date	:	10/21/2009
MSDS Revisions	:	A vertical bar (I) in the left margin indicates an amendment from the previous version.
MSDS Regulation	:	The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
MSDS Distribution	:	The information in this document should be made available to all who may handle the product.

Material Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Disclaimer

:

The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.