



SAFETY DATA SHEET

Section 1 – Identification

1.1 Product Identifiers

Product Name : SWISS CUTTING OIL HT-ES

1.2 Product usage

Recommended Usage : CUTTING OIL
Restricted Usage : NOT APPLICABLE

1.3 Emergency support

Emergency Support: CHEMTREC

United States +1(800) 424-9300
International +01(703) 527-3887

1.4 Supplier Information

David Weber Oil Company

601 Industrial Road
Carlstadt, NJ 07072

Phone: 201-438-7333
Fax: 201-438-3178
Email: sales@weberoil.com

Section 2- Composition/ Information on Ingredients

2.1 Classification of Substance Mixture

OSHA Regulatory Status : This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

2.2 Label Elements

Emergency overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance : Light Liquid
Physical state : Liquid
Odor : Mild

2.3 Hazards not otherwise classified (HNOC)

Oral Toxicity	:LD50 not established. Do not ingest.
Eye Irritation	:May cause eye irritation. Based on data from components
Skin Irritation	:May cause skin irritation. Based on data from components
Chronic Toxicity	:A review of the literature does not show obvious long term hazard
Carcinogenicity	:Does not contain carcinogens
TLV	:None established

Section 3 - Hazards Identification

MATERIAL OR COMPONENT	%	CAS NO.	TLV (ACGIH) PEL (OSHA)
<i>Chlorinated Paraffin</i>	10-40	68920-70-7	<i>Not Established</i>
<i>Distillates (petroleum), Hydrotreated heavy paraffinic</i>	60-90	64742-54-7	
<i>Distillates (petroleum), solvent-dewaxed heavy paraffinic</i>		64742-65-0	

Section 4 – First aid Measures

4.1 First aid measures

Eye Contact	: Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids. Check and remove any contact lenses. Continue to rinse for at least 20 minutes. Get Medical Attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

To Physician	:Treat symptomatically. Contact poison specialist if product has been ingested.
Specific Treatment:	: No specific Treatment.

4.3 Medical attention

Protection of First Aiders: :No action should be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Note to Doctor :Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

Section 5 – Fire Fighting

5.1 Extinguishing Media

Suitable Media :CO2, Dry chemical, or Foam. Water can be used to cool and protect product. Do not use
Unsuitable Media water jet as an extinguisher, it will spread the fire.

Specific Hazards :When heated, hazardous gases may be released including: sulfur dioxide a solid stream of water will spread the burning material.

Specific hazards Arising from this product :Material creates a special hazard because it floats on water This material creates a special hazard because it floats on water. This material is harmful to aquatic life. Any fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain

5.2 Firefighters Advice

Fire Equipment Information

Special protective equipment : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment

General Measures : No health effects expect from the cleanup of this material if contact can be avoided. Follow personal protect equipment recommendations found in section 8 of this SDS.

6.2 Environmental Precautions

Non-Emergency Personnel

:Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution Water Polluting Material may be harmful to the environment if released in large quantities.

6.3 Materials & Methods to Contain and Cleanup

Reference Section 8 : Follow all protective equipment recommendations provided in Section 8.

Spill Control Measures : Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

Containment and Cleanup : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor. Contaminated absorbent material may pose the same threat hazard as the spilled product.

Section 7 - Handling & Storage

7.1 Safe Handling

Personal Protective Equipment : Put on appropriate personal protective equipment (see section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, keep lid tightly closed when not in use. Empty containers that retain product residue and can be hazardous. Do not reuse container. Handle in accordance with good industrial hygiene and safety practice.

7.2 Safe Storage

Required conditions : Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 113 deg F (45 deg C) for extended periods of time or if heat sources in excess of 250 deg F (121 deg C) are used. Store away from incompatible materials. See section 10 for incompatible materials

7.3 Specific End Use

Designed Purpose : This product is designed for use as an Automatic Transmission Fluid.

Section 8 - Exposure Control

8.1 United States States Exposure Limits

Chemical Name	Occupational Exposure Limits	Value
Distillates, petroleum, hydro treated heavy paraffinic	OSHA - PEL ACGIH - 40 TWA	5mg/m3

8.2 Appropriate engineering controls

- Engineering Controls** : Material should be handled in enclosed vessels and equipment, in which case general room ventilation should be sufficient. Local exhaust ventilation should be used at points where dust, mist, vapors or gases can escape into the room air. No special requirements under ordinary conditions of use and with adequate ventilation.
- Environmental Exposure Control** :General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.
- Hygiene Measures** :Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
- Eye / Face Protection** :If contact is likely, safety glasses with side shields are recommended.
- Skin / Hand Protection** :Butyl rubber. Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water. Use caution when opening manway covers of storage and transportation containers. 3-nitroaniline crystals may be present on the interior surface of these openings. 3-nitroaniline is toxic by dermal exposure.
- Respiratory Protection** :use a properly fitted air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this as a necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected product.

Section 9 - Physical & Chemical Properties

9.1 Information On Basic Physical and Chemical Properties

Physical state	: Liquid
Color	: B&C
Odor	: Characteristic of Petroleum
Odor threshold	: No Data Available
pH	:No Data Available
Freezing Point	: No Data Available
Boiling Point / Range	: No Data Available
Flash Point COC	: 221C
Evaporation rate:	: No Data Available
Upper Explosive Limits (% air)	: No Data Available
Lower Explosive Limits (% air)	: No Data Available
Flammability (solid, gas)	: Not Applicable
Vapor pressure	: <1 mm Hg
Vapor density (air=1)	: > 1
Relative Density	: 0.86
Auto-ignition temperature	: Not Determined
Decomposition temperature	: Not Determined
Solubility in water	: Negligible, 0-1%
Partition coefficient, n-octanol/water	: No Data Available

Section 10 - Stability & Reactivity

10.1 Material Analysis

Reactivity	: No Data Available.
Chemical stability	: Stable Under Normal Circumstances.
Possibility of hazardous reactions	: Hazardous polymerization will not occur

10.2 Environmental

Conditions to avoid	: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	:Carbon monoxide, smoke carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

Section 11- Toxicological Information

11.1 Information on likely routes of exposure

Ingestion Toxicity	: No hazard in normal industrial use.
Skin Contact	: This material is likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis. Likely to be practically non-toxic based on animal data.
Inhalation Toxicity	:Non-hazardous under Respiratory sensitization category.
Eye Contact	: The material is likely to be moderately irritating to eyes based on animal data. No hazard in normal industrial use.
Sensitizer	: No data available to indicate product or components may be a skin sensitizer.
Mutagenicity genotoxic.	: No data available to indicate product or any components present at greater than 0.1% is mutagenic
Carcinogenicity	: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.
Reproductive and Developmental Toxicity	: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Specific target organ toxicity (single exposure)	: Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.
Specific target organ toxicity (repeated exposure)	: Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.

Section 12 - Ecological Information

12.1 Aquatic Toxicity

Acute Aquatic ecotoxicity	: Non-hazardous under Aquatic Acute Environment category.
Chronic Aquatic ecotoxicity	: Non-hazardous under Aquatic Chronic Environment category.
Persistence and degradability	: Biodegrades slowly.
Bioaccumulative potential	: Bioconcentration may occur.
Mobility in soil	: This material is expected to have essentially no mobility in soil.
Results of PBT and vPvB assessment	: Not determined.
Other adverse effects	: No data available.

Section 13 - Disposal Considerations

13.1 Waste treatment

Waste treatment methods	: Dispose of according to Federal, State, Local, or Provincial regulations.
Disposal Methods	: Recycle used oil.
Waste Disposal	: Spent or discarded material is non-hazardous according to environmental regulations.
Contaminated packaging	: Recycle containers whenever possible!

Section – 14 Transportation Information

Shipping Description	: If shipped by land in a packaging having a capacity of 3,500 gallons or more, the provisions of 49 CFR, Part 130 apply. (Contains oil) International Maritime Dangerous Goods (IMDG)
DOT Compliance Note	: U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23 & 25. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable International Civil Aviation Org. / International
Air Transport Assoc. (ICAO/IATA) DOT Compliance Requirement	: U.S. DOT compliance requirements may apply. See 49

Section 15 - Regulatory Information

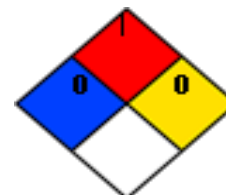
Regulatory Agency

Chemical List
Status

(TSCA) Toxic WHMIS Hazard Class	: All components are either listed or not regulated US TSCA Inventory. : None	64742-54-7
Canada CPR	: This product has been classified in accordance with the hazard criteria Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.	
CERCLA Sections 302, 313, 372 311, 312	: This material does not contain reportable chemicals. : Acute Health Hazard No Pressure Hazard No : Chronic Health Hazard No Reactive Hazard No Fire Hazard No	
New Jersey Right to Know (NJ RTK)	: This material does not contain reportable chemicals.	
Massachusetts Right to Know (MA RTK)	: This material does not contain reportable chemicals.	
Pennsylvania Right to Know (PA RTK)	: This material does not contain reportable chemicals.	
Rhode Island Right to Know (RI RTK)	: This material does not contain reportable chemicals.	

Section 16 - Other Information

ACGIH American Conference of Governmental Industrial Hygienists	NFPA: HEALTH	0
CFR Code of Federal Regulations	FLAMMABILITY	1
DOT United States Department of Transportation	INSTABILITY	0
GHS Globally Harmonized System of Classification and Labeling of Chemicals	SPECIAL	-
OSHA Occupational Safety and Health Administration		
PEL Permissible Exposure Limit		
RTK Right-to-Know		
SARA Short-term Exposure Limit		
TSCA Toxic Substances Control Act		
WHMIS Workplace Hazardous Materials Information System		



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