



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs to assist our customers in their compliance efforts. The attached document is in compliance with one of the respective country regulatory requirements noted below:

The OSHA Hazard Communication Standard (in the United States)
The Hazardous Products Regulations (in Canada)

We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Product Stewardship Team
Zep Inc.

AVATAR CORPORATION		Date:	04/26/2021
		Revision:	04
Document #: SDS-8888882		Supersedes:	03
		Page	Page 1 of 4
Title:	ProTech™ Series Hydraulic Lubricant, Food Grade Safety Data Sheet		
Document Owner:	J.P. Roush, M.S.	Approved by:	Michael Duffy

This document is prepared pursuant to 2015 Global Harmonization System (GHS) and OSHA Hazard Communication (29 CFR 1910.1200) standards. Where proprietary ingredient is shown, the identity may be made available as provided in this standard.

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier

Tradename: **ProTech™ Series Hydraulic Lubricant, Food Grade**
ProTech™ 15H, ProTech™ 22H, ProTech™ 32H,
ProTech™ 46H, ProTech™ 68H, ProTech™ 100H
Code: 8888882
REACH preregistration No.: N/A

1.2. Identified uses / uses advised against

Identified uses: *Technical* grade lubricant, release agent for food, personal care and industrial applications

1.3. Supplier details:

Company/Address: Avatar Corporation, 500 Central Avenue, University Park, IL 60484 USA
Website: www.avatarcorp.com
Email: jproush@avatarcorp.com
Telephone/Fax: 708.534.5511 / 708.534.0123
Responsible Dept: Regulatory

1.4 Transportation emergency contact: Chem Tel 800.255.3924

2. HAZARDS IDENTIFICATION:

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No.1272/2008 [CLP]: Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

Adverse effects: At high temperatures, vapors may be generated which may be considered hazardous at concentrations exceeding 5 mg/m³.

2.2. Label elements:

NFPA Code: Health-0, Flammability-1, Reactivity-0
HMIS Code: Health-0, Flammability-1, Reactivity-0

2.3. Other hazards:

These substances/mixtures do not meet the PBT/vPvB criteria of REACH, annex XIII. Prolonged/repetitive skin contact may cause skin defatting or dermatitis; ingestion may have laxative effect. No other significant health hazards identified.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

Component	CAS No.	EC No.	% by Wt.	HS Tariff Classification No.
Mineral Oil, USP	8042-47-5	232-455-8	100	2710.19.45
Antioxidant, Antiwear, Antirust Additives	TBD	TBD	TBD	TBD

4. FIRST AID MEASURES

4.1. General information:

Eye: Flush immediately with large amounts of water. If irritation occurs, call a physician

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		Page	Page 2 of 4
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Skin: Wash exposed area of skin with water. If burned by contact with hot material, cool material as quickly as possible with water. See a physician for burn treatment, irritation or allergic reaction.

Ingestion: If uncomfortable or symptomatic, seek medical assistance promptly.

Inhalation: If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/injuries: High vapor concentration may induce headache, nausea, dizziness and respiratory irritation. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed: See 4.1 and 4.2.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media:

Unsuitable extinguishing media:

Dry chemical, carbon dioxide, foam, steam or water fog, agents approved for Class B hazards.

Water streams will scatter liquid and spread fire, but may be used to keep fire-exposed containers and surroundings cool.

5.2. Special hazards:

Fire hazard:

May create dense smoke during combustion

Mild fire hazard when heated above its flash point; material must be preheated before ignition will occur (OSHA Class IIIB).

Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

5.3. Advise for firefighters:

Firefighting instruction:

Firefighting protection:

Cool unaffected containers and remove to safety.

Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personnel:

Wear appropriate breathing apparatus, protective clothing gloves and eye/face protection. No smoking. Refer to section 8.

Emergency procedures:

Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces.

6.2. Environmental precautions

Prevent spills from entering sewers and public waters. Treat as oil spill.

6.3. Containment / Cleanup

Containment:

Cleanup:

Dike around spill; have oil-absorbent materials readily available. Remove mechanically or contain on an absorbent material such as dry sand or vermiculite and dispose of in accordance with current applicable regulations

7. HANDLING AND STORAGE

7.1. Handling

No special requirements; observe good industrial hygiene practices.

7.2. Storage

Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

AVATAR CORPORATION		Date:	04/26/2021
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		Page	Page 3 of 4
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8.1. Control parameters

<i>Limits:</i> OSHA PEL:	5 mg/m ³ (oil mist) (1989) (1971)
ACGIH TLV-TWA"	5 mg/m ³ (oil mist)
ACGIH TLV-STEL:	10 mg/m ³ (oil mist)

8.2. Exposure controls

	Control airborne concentrations below the exposure guidelines. Provide local exhaust or general room ventilation to minimize vapor concentrations. Provide emergency eye wash fountains and safety showers.
<i>Eye:</i>	Wear protective goggles or face shield if splashing is possible.
<i>Skin:</i>	Wear protective gloves/clothing
<i>Inhalation:</i>	Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator to protect against mist.
<i>Environmental controls:</i>	Avoid release to the environment. Notify authorities if product enters sewers or public waters.

9. CHEMICAL AND PHYSICAL PROPERTIES

9.1. Basic physical and chemical properties

<i>Appearance / Odor:</i>	Colorless oily liquid / Slight odor
<i>pH:</i>	Not determined
<i>Vapor Pressure:</i>	< 1.0 mmHg @ 20°C (68°F)
<i>Vapor Density (Air=1):</i>	>1
<i>Boiling Point:</i>	Not determined
<i>Melting Point:</i>	Not applicable
<i>Solubility:</i>	Negligible in water (below 0.1%); soluble in hydrocarbons
<i>Specific Gravity (Water=1):</i>	0.845 - 0.883 @ 25°C/25°C (77°F)
<i>Pour Point:</i>	Not applicable
<i>Flash Point / Method</i>	350°F (177°C) / Cleveland Open Cup

10. STABILITY AND REACTIVITY

10.1. Reactivity	Unknown
10.2. Chemical Stability	Generally stable
10.3. Hazardous reactions	Hazardous polymerization will not occur
10.4. Conditions to avoid	Extreme heat; contact with chlorine, fluorine, and other strong oxidizers and acids
10.5. Incompatible materials	Chlorine, fluorine, and other strong oxidizers and acids
10.6. Hazardous decomposition products	None identified
10.7. Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

11.1. Toxicity

Data following is based on information from similar products, the ingredients, technical literature, and/or professional experience; Avatar Corporation does not do testing on animals. No component of these products present at levels > 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

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<i>Dermal (rabbits):</i>	Testing not conducted
<i>Oral (rats):</i>	Testing not conducted
<i>Eye Irritation (rabbits):</i>	Testing not conducted
<i>Skin Irritation:</i>	Testing not conducted

12. ECOLOGICAL INFORMATION

12.1 No definitive information available on ecological impact if product is released to the environment

13. DISPOSAL INFORMATION

13.1. Waste treatment methods

Disposal must be in accordance with applicable federal, state, or local regulations. "Empty" drums should not be given to individuals.

14. TRANSPORTATION INFORMATION

14.1. General Information

Not regulated by U.S. DOT, Canadian TODG, IMO/IMDG, ICAO/IATA, ADR/RID

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
<i>CERCLA Sections 102A/103 Hazardous Substances:</i>	Not reportable
<i>SARA Title III Section 302 Extremely Hazardous Substances:</i>	Not regulated
<i>SARA Title III Sections 311/312 Hazardous Categorization:</i>	No hazardous by OSHA under 29 CFR Part 1910.1200(d).
<i>SARA Title III Section 313:</i>	Not regulated
<i>U.S. Inventory (TSCA ACTIVE):</i>	Listed on inventory: ACTIVE
<i>FOOD CONTACT STATUS</i>	
<i>FDA 21 CFR 178.3570:</i>	Compliant
<i>USDA: H1 Status</i>	Compliant
<i>Kosher Certification:</i>	Compliant
15.2. Chemical safety assessment	Incomplete

16. OTHER INFORMATION

This material safety data sheet and the information it contains are offered in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use product(s) safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

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Revision History

Date	Revision No.	Purpose	Authorized By
07/31/14	-01	Initial	J.P. Roush, M.S.
10/27/15	-02	Header corrected	J.P. Roush, M.S.
12/11/18	-03	Review for content	J.P. Roush, M.S.
4/26/21	-04	Review and add ACTIVE to TSCA	J.P. Roush, M.S.

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