

<b>AVATAR CORPORATION</b>		Date:	12/11/18
		Revision:	03
Document #: SDS-8888882		Supersedes:	02
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Title:	<b>ProTech™ Series Hydraulic Lubricant, Food Grade Safety Data Sheet</b>		
Document Owner:	J.P. Roush, M.S.	Approved by:	Michael Kline

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](http://www.avatarcorp.com)

*Email:*

[jproush@avatarcorp.com](mailto: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/m<sup>3</sup>.

### 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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*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:* Cool unaffected containers and remove to safety.  
*Firefighting protection:* 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:* Dike around spill; have oil-absorbent materials readily available.  
*Cleanup:* 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

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### 8.1. Control parameters

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

*Eye:* Wear protective goggles or face shield if splashing is possible.

*Skin:* Wear protective gloves/clothing

*Inhalation:* Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator to protect against mist.

*Environmental controls:* 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

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

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	Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).
<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):</i>	Listed on inventory

### FOOD CONTACT STATUS

*FDA 21 CFR 178.3570:*

*USDA: H1 Status*

*Kosher Certification:*

Compliant  
Compliant  
Compliant  
Incomplete

15.2. Chemical safety assessment

## 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.