

MATERIAL SAFETY DATA SHEET

OMCO-H1-L

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	OMCO-H1-L
PRODUCT USE	Lubricating Grease
MANUFACTURER	Chemtool Incorporated P.O. Box 538 8200 Ridgefield Road Crystal Lake, IL 60039-0538 USA Tel: (815) 459-1250 Fax: (815) 459-1955
SUPPLIER	Oconomowoc Manufacturing Corp. 425 South Lapham Street P.O. Box 426 Oconomowoc, WI 53066 Tel: (262) 567-8383 Fax: (262) 567-0389
EMERGENCY TELEPHONE	Infotrac U.S. and Canada - (800) 535-5053 Outside the U.S. and Canada - 001-352-323-3500

2. COMPOSITION, INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

Chemical ingredients not regulated by OSHA or SARA are treated confidentially. This product contains no ingredients at greater than 1% which have been assigned exposure limits by regulatory agencies.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW**ACUTE EFFECTS****HEALTH HAZARDS, GENERAL**

Not regarded as a health hazard under current legislation.

CHRONIC EFFECTS**SENSITIZATION**

No known information.

CARCINOGENICITY

IARC: Not listed as a Group 1, 2A, or 2B agent. OSHA: Not regulated. NTP: Not listed.

TERATOGENICITY

No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

HEALTH WARNINGS

SKIN CONTACT. Repeated or prolonged contact can result in drying of the skin.
 INHALATION. Heating can generate vapors that may cause respiratory irritation, nausea and headaches. Inhalation hazard at room temperature is unlikely due to the low volatility of this product. EYE CONTACT. Slightly irritating. INGESTION. Can cause discomfort.

OTHER INFORMATION

ROUTE OF ENTRY Inhalation. Skin and/or eye contact. Ingestion.
MEDICAL SYMPTOMS MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not determined

4. FIRST AID MEASURES

INHALATION Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.
EYES Rinse with water. Contact physician if discomfort continues.
SKIN Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
INGESTION DO NOT INDUCE VOMITING! Get medical attention immediately!

5. FIRE FIGHTING MEASURES

FLASH POINT (°C) > 177 Cd OC (Cleveland open cup).
FLAMMABILITY LIMIT - LOWER(%) N/D
FLAMMABILITY LIMIT - UPPER(%) N/D
FLAMMABILITY CLASS No Uniform Fire Code noted.
EXTINGUISHING MEDIA Use: Foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.
SPECIAL FIRE FIGHTING PROCEDURES Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures.
UNUSUAL FIRE & EXPLOSION HAZARDS Volume and pressure increases strongly when heated. Risk of container explosion in fire.
HAZARDOUS COMBUSTION PRODUCTS Acrid smoke/fumes. Oxides of: Carbon. Sulfur.
PROTECTIVE MEASURES IN CASE OF FIRE Self-contained breathing equipment and chemical resistant clothing recommended.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Minimize skin contact.

PRECAUTIONS TO PROTECT THE ENVIRONMENT

Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

SPILL CLEAN-UP PROCEDURES

Non-hazardous substance. Collect in closed container.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS

Keep away from heat, sparks and open flame. Eye wash station should be available at the work place.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store separated from: Acids. Oxidizing materials.

STORAGE CRITERIA

Chemical storage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

PROTECTIVE EQUIPMENT**ENGINEERING CONTROLS**

Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: latex.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

PROTECTIVE CLOTHING

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES

Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE

Grease.

COLOR

White.

ODOR

Mild (or faint).

SOLUBILITY DESCRIPTION	Insoluble in water.		
DENSITY	1.0	Temperature (°C)	16
VAPOR DENSITY (air=1)	> 0.5		
VAPOR PRESSURE	< 0.01 mmHg	Temperature (°C)	20
EVAPORATION RATE	< 1	Reference	BuAc=1

10. STABILITY AND REACTIVITY

STABILITY	Normally stable.
CONDITIONS TO AVOID	Avoid contact with acids and oxidizing substances.
HAZARDOUS POLYMERIZATION	Will not polymerize.
POLYMERIZATION DESCRIPTION	Not applicable
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of: Carbon. Sulfur.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	No experimental toxicological data on the preparation as such is available.
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12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION	No data on possible environmental effects have been found.
BIOACCUMULATION	Not determined.
BIODEGRADABILITY	Not determined.
ACUTE AQUATIC TOXICITY	Not determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT HAZARD CLASS	Not regulated.
SEA TRANSPORT NOTES	Not regulated.
AIR TRANSPORT NOTES	Not regulated.

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

CLEAN AIR ACT

SARA(311/312) HAZARD CATEGORIES None

US STATE REGULATIONS

REGULATORY STATUS (Canada)

Not a controlled product.

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS

INVENTORIES

16. OTHER INFORMATION

HEALTH	No health hazards (0). - HMIS/NFPA
FLAMMABILITY	Burns only if pre-heated (1) - HMIS/NFPA
REACTIVITY	Normally Stable (0) - HMIS/NFPA
PREPARED BY	John Dingess
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DISCLAIMER	While the information and recommendations set forth herein are believed to be accurate as of the date thereof, Chemtool Incorporated makes no warranty with respect thereto and disclaims all liability from reliance therein.