

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Code: **OBOL 88**
 Product Name: **High Temperature & Heavy Duty Grease**
 Chemical Name: Petroleum grease CAS #: Mixture
 Common Name: Grease

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%
Lithium Hydroxide		1310-66-3	<5
12-Hydroxystearic acid		106-14-9	<15
Hydrotreated heavy naphthenic distillate		64742-52-5	<80
Antimony dialkyldithiocarbamate		64742-52-5	<1
Dimethylbenzene (xylene)		1330-20-7	<1

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z).

SECTION 3 HAZARD IDENTIFICATION

Principle Hazards: Slightly combustible
 Prolonged or repeated skin contact may cause dermatitis.
 See section 11 for complete health hazard information.

Threshold Limits: The PEL (OSHA) and the TLV (ACGIH) is 5mg/m³ for oil mists.

Primary Routes of Exposure:

EYE May cause eye irritation. No significant adverse effects expected.

SKIN Repeated or prolonged contact with skin may cause irritation which may lead to various skin disorders. Avoid prolonged skin contact.

INHALATION No significant adverse health effects are expected to occur on short term exposure.

ORAL Ingestion may cause nausea, diarrhea and stomach discomfort.

SECTION 4 FIRST AID MEASURES

ORAL DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

EYE	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN	Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.
INHALATION	Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.

SECTION 5	FIRE FIGHTING MEASURES
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FLASH POINT:	>225°C (COC) >437°F
	Slightly combustible. May release flammable vapors when heated above flash point.
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemical, or foam. Avoid using water.
HAZARDOUS EXPOSURE	Carbon monoxide and asphyxiates.
SPECIAL FIRE PROCEDURES	Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

SECTION 6	ACCIDENTAL RELEASE MEASURES
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Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16.

Remove sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

SECTION 7	HANDLING AND STORAGE
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HANDLING	Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.
STORAGE	Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

SECTION 8	EXPOSURE CONTROLS - PERSONAL PROTECTION
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EXPOSURE LIMITS	TLV = 5mg/m ³ as oil mist
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VENTILATION	Use in areas of adequate ventilation.
GLOVES	Use nitrile or neoprene gloves are recommended.
EYE PROTECTION	Safety glasses, goggles, or face shield are recommended.
RESPIRATORY	Self-contained breathing apparatus is recommended for confined space entry.
CLOTHING	Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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APPEARANCE:	purple grease	Ph:	n/d
BOILING POINT:	>325°C	SOLUBILITY:	negligible
EVAPORATION POINT:	less than ether	SPECIFIC GRAVITY:	0.883
FLAMMABILITY:	combustible liquid	VAPOR DENSITY:	heavier than air
FLASH POINT:	225°C	VAPOR PRESSURE:	<0.01 mm Hg @ 20°C
ODOR:	petroleum odor	VOC, %:	nil

SECTION 10	STABILITY AND REACTIVITY
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STABILITY	Material is normally stable at ambient temperature and pressure.
CONDITIONS TO AVOID	Oxidizing agent. Do not heat above the flash point.
POLYMERIZATION	Will not occur.
DECOMPOSITION	Carbon dioxide, carbon monoxide.

SECTION 11	TOXICOLOGICAL INFORMATION
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ORAL TOXICITY	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
EYE IRRITATION	Not expected to cause eye irritation.
SKIN IRRITATION	Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.
CARCINOGENIC	This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION 12	ECOLOGICAL INFORMATION
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This material is expected to have adverse effects on marine and plant life. Spills may contaminate drinking water.

SECTION 13

DISPOSAL CONSIDERATIONS

DISPOSAL Consult federal, state, and local regulations regarding disposal methods. Recycle used oil.
Do not contaminate used oil with solvents or other chemicals.

SECTION 14

TRANSPORTATION INFORMATION

See 49 CFR part 171.8 through 178.510
DOT SHIPPING NAME: Oil, n.o.s.
DOT HAZARD CLASS: not regulated
UN/NA NUMBER: NA 1270
GUIDE NUMBER: 27
IMDG CODE:

Materials classified as DOT Combustible Liquids (Flash Point > 141°F and < 200°F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.

SECTION 15

REGULATORY INFORMATION

TSCA All components of this material are on the US TSCA inventory
SARA 311
SARA 312
SARA 313 contains <1% antimony compounds & <1% xylene
CAL PROP 65 not listed
RCRA not listed
CERCLA listed

SECTION 16

OTHER INFORMATION

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPE</u>
HMIS CODE:	1	1	0	C
NFPA CODE:	1	1	0	
PRECAUTIONARY LABELS:	NA			

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