

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Name: **Morey's Moly Complex EP2 Grease**
Chemical Name: Oil, n.o.s. CAS#: Mixture
Common Name: Grease

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL/Common Name	CAS NO	%
Petroleum distillates, hydrotreated heavy naphthenic	064742-52-5	<60

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 contact may produce mild skin irritation and inflammation.
Personnel with pre existing skin disorders should avoid contact.
See section 11 for complete health hazard information.

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

Primary Routes of Exposure:

EYE	May cause eye irritation if splashed into eyes.
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 time exposure.
ORAL	Ingestion may cause nausea, diarrhoea and stomach discomfort.

SECTION 4 FIRST AID MEASURES

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 laboured, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.
ORAL	DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT	ASTM D92 (COC) >205° C
	Slightly combustible. When heated above flash point will release flammable vapours that can burn in open or be explosive in confined spaces if exposed to source of ignition.
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemical, or waterfog. Avoid using water.
HAZARDOUS EXPOSURE	Carbon monoxide and asphyxiants.
SPECIAL FIRE PROCEDURES	Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

SECTION 6 ACCIDENTAL RELEASE MEASURES

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

HANDLING	Avoid prolonged skin contact, breathing vapours, 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 container of proper construction. Store away from ignition sources and in areas of good ventilation.

SECTION 8 EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS	TLV = 5 mg/m ³ for oil mist
VENTILATION	Use in areas of adequate ventilation. Use mechanical exhaust to control vapours or mists.
GLOVES	Nitrile or neoprene gloves are recommended.
EYE PROTECTION	Safety glasses, goggles, or face shield are recommended.
RESPIRATORY	Use NIOSH/MSHA approved respirator with organic vapour cartridge and dust/mite cartridge is recommended if exposure limit is exceeded. 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

APPEARANCE:	Grey buttery grease	pH:	n/d
BOILING POINT:	>305° C	SOLUBILITY:	negligible
EVAPORATION POINT:	less than ether	SPECIFIC GRAVITY:	0.920
FLAMMABILITY:	combustible	VAPOUR DENSITY:	heavier than air
FLASH POINT:	>205° C	VAPOUR PRESSURE:	<0.01mm Hg @ 20° C
ODOUR:	petroleum odour	VOC	Nil

SECTION 10 STABILITY AND REACTIVITY

STABILITY	Material is normally stable at ambient temperature and pressure.
CONDITIONS TO AVOID	Do not store with strong oxidising agents. Keep away from heat, sparks, open flame, or all sources of ignition.
POLYMERISATION	Will not occur.
DECOMPOSITION	Carbon dioxide, carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

ORAL TOXICITY	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhoea 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

This material is expected to have adverse affects 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: Not applicable
 IMDG CODE: Not regulated
 MARINE POLLUTANT: No

Materials classified as DOT Combustible Liquids (Flash Point > 141° F (> 61 °C) and < 200°F (< 93 °C) are not regulated by DOT in containers of 110 gallons (416 litres), or less for domestic shipments.

SECTION 15 REGULATORY INFORMATION

TSCA All components of this material are on the US TSCA inventory.
 SARA 311 Not applicable
 SARA 312 Not applicable
 SARA 313 (0.1%) Antimony
 CAL PROP 65 Not listed
 RCRA Not regulated
 CERCLA (0.1%) Antimony

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:	N/A			

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