

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: MPT High Temperature Grease

FILE NO.: A
MSDS DATE: 3/13/2007

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MPT™ Grease
SYNONYMS: Grease Lubricant
12 oz Tube (Part # MPT-21); 14 oz Jar (Part # MPT-22)
MANUFACTURER: MPT™ Industries
ADDRESS: 6-B Hamilton Business Park
85 Franklin Road
Dover NJ. 07801

PHONE: 973-989-9220
FAX PHONE: 973-989-9234

CHEMICAL NAME: Mixture

PRODUCT USE: Grease for high Speed Rotating Machinery

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>ACGIH-TLV-TWA</u>
Proprietary Trade Secret Additives	Non-Hazardous	25-50	
Distillates, Petroleum Hydrotreated Heavy Paraffinic	64742-54-7	35-40	5mg/m3
Solvent-dewaxed Heavy Paraffinic Petroleum Distillates	64742-65-0	05-15	5mg/m3
Petroleum Process Oil	64742-52-5	01-02	10mg/m3

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Non-Hazardous under normal conditions of use. Spill may create a slip hazard.

ROUTES OF ENTRY: Skin contact.

POTENTIAL HEALTH EFFECTS

EYES: This product can cause mild eye irritation with short-term contact.

SKIN: This product can cause mild skin irritation with short-term exposure.

INGESTION: If swallowed in quantities greater than one teaspoon, may cause laxative effect.

INHALATION: No adverse health effects are expected to occur upon short-term exposure

ACUTE HEALTH HAZARDS: Contains petroleum-based mineral oil. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, or oil acne. Inhalation of petroleum-based mineral oil mist above applicable workplace exposure levels can cause respiratory irritation or other pulmonary effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate pre-existing skin disorders.

SECTION 4: FIRST AID MEASURES

EYES: Remove contact lenses if present. Flush eyes with cool, clean low-pressure water while lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.

SKIN: Remove contaminated clothing. Wipe off excess material. Wash exposed skin with soap and water. Wash contaminated clothing before reuse. Leather goods may have to be discarded. If material is injected under the skin seek medical attention immediately

INGESTION: Call poison control. Unless directed by a physician do not induce vomiting or give anything to drink. Seek medical attention immediately.

INHALATION: This material is not expected to cause inhalation related disorders under anticipated conditions of use. In case of over-exposure move the person to fresh air.

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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: No Data
(% BY VOLUME) No Data LOWER: No Data

FLASH POINT:

F: N/A

C: N/A

METHOD USED:

ASTM-D92

AUTOIGNITION TEMPERATURE:

Not Available

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

HMS HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

PROTECTION: B

EXTINGUISHING MEDIA: Use dry chemical, foam, carbon dioxide, or water fog

SPECIAL FIRE FIGHTING PROCEDURES: Firefighter must use full bunker gear, including NIOSH approved positive pressure self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material can burn, but will not readily ignite. In enclosed spaces heated vapor can ignite with explosive force. Mist or spray may burn at temperature below flash point.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, unburned hydrocarbons, and traces of sulfur, phosphorus, zinc, and or nitrogen.

SECTION 5 NOTES: Combustion generates toxic fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Add dry material to absorb spill. Avoid walking through material. Comply with all laws and regulations for waste disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid container damage. Keep away from excessive heat.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: None required under normal operating conditions.

RESPIRATORY PROTECTION: None required under normal operating conditions.

EYE PROTECTION: Safety glasses equipped with side shields should be adequate under most condition of use.

SKIN PROTECTION: If prolonged contact is expected, chemical resistant gloves should be used. If product is handled at an elevated temperature, use heat protective gloves.

WORK HYGIENIC PRACTICES: Wash hands after using. Remove soiled clothing.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Grease

ODOR: Mild petroleum odor.

PHYSICAL STATE: Liquid.

pH AS SUPPLIED:

pH (Other):

BOILING POINT:

F: ≥ 300

C: ≥ 148.9

MELTING POINT:

F: Not Available

C: Not Available

FREEZING POINT:

F: Not Available

C: Not Available

VAPOR PRESSURE (mmHg):

@ Nil

VAPOR DENSITY (AIR = 1):

@ Not Available

SPECIFIC GRAVITY (H₂O = 1):

@ .9047

EVAPORATION RATE: Not Available

SOLUBILITY IN WATER: Insoluble in cold water

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY): Keep away from extreme heat, sparks or open flame and strong oxidizing conditions.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, Bases and oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, carbon monoxide, unburned hydrocarbons, and traces of sulfur, phosphorus, or nitrogen.

HAZARDOUS POLYMERIZATION: Does Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No toxicity testing conducted on this product. Any health or toxicological information included in Sections 3 was based on data associated with the components. Used in manufacturing this product.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not allow to enter soil, waterways, or wastewater

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: It is the responsibility of the individual using this product to follow all local, State and Federal regulation for the proper disposal of this product and containers.

RCRA HAZARD CLASS: It is the responsibility of the user to determine if this material is a RCRA Hazardous Waste at the time of disposal.

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS: Not Regulated
ID NUMBER: Not Regulated
PACKING GROUP: Not Regulated
LABEL STATEMENT: Not Regulated

WATER TRANSPORTATION

PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS: Not Regulated
ID NUMBER: Not Regulated
PACKING GROUP: Not Regulated
LABEL STATEMENTS: Not Regulated

AIR TRANSPORTATION

PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS: Not Regulated
ID NUMBER:
PACKING GROUP: Not Regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): The components of this product are listed

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: No Hazard categories identified.

STATE REGULATIONS: NJ right to know Label Petroleum Oil (Grease)

SECTION 16: OTHER INFORMATION

DISCLAIMER:

Information presented herein has been compiled from source considered to be accurate and dependable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as necessary. Since conditions of use are not under our control, we must disclaim all liability with respect to the use and disposal of our products.