

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT MPT™ Gear Treatment

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

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: MPT™ Gear Treatment  
SYNONYMS: Lubricant  
Part # MPT-05 / 06 / 07 / 08  
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: Gear Oil Additive

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>ACGIH-TLV-TWA</u>
Trade Secret Additives	Non-Hazardous	15-35	
Distillates, Petroleum Hydrotreated Heavy Paraffinic	64742-54-7	35-40	5mg/m3
Synthetic Hydrocarbon Base Oil	68649-12-7	10-25	None Established

## SECTION 3: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** Non-Hazardous under normal conditions of use. Hot oil can cause thermal burns on contact. 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 with liquid spray or mist.

**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

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**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

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

**FLASH POINT:**

F: 435

C: 223.9

**METHOD USED:**

ASTM-D92

**AUTOIGNITION TEMPERATURE:** Not Available

**NFPA HAZARD CLASSIFICATION**

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

**HMIS HAZARD CLASSIFICATION**

HEALTH: 1

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

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**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

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

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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

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APPEARANCE: Translucent Green.

ODOR: Mild petroleum odor.

PHYSICAL STATE: Liquid

pH AS SUPPLIED:

pH (Other):

BOILING POINT:

F:  $\geq 300$

C:  $\geq 148.9$

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 (H<sub>2</sub>O = 1):

@ 9050

EVAPORATION RATE: Not Available

SOLUBILITY IN WATER: Insoluble in cold water

## SECTION 10: STABILITY AND REACTIVITY

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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: Not expected to occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

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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

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

## SECTION 13: DISPOSAL CONSIDERATIONS

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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

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### 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

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### 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

## SECTION 16: OTHER INFORMATION

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