



# Material Safety Data Sheet

**Product No. 2480**

## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Black-Ice Tire Mounting Lube

Product Use: Mounting tires on rims

MSDS Preparation Date: 8/01/2011

Manufacturer: REMA TIP TOP/NO. AMERICA, 119 Rockland Avenue, Northvale, NJ 07647

24-Hour Emergency Phone Number: North America: 800-424-9300 (CHEMTREC)  
International: 703-527-3887 (CHEMTREC) Collect Calls Accepted

## 2. PRODUCT INGREDIENTS

<u>CHEMICAL NAME:</u>	<u>CAS NUMBER:</u>	<u>% RANGE:</u>	<u>OSHA PEL:</u>
Hydrotreated naphthenic oil	64742-52-5	< 50	5 mg/m <sup>3</sup> TLV
12-Hydroxystearic acid	106-14-9	< 10	N/A
Naphthenic Petroleum distillates	64741-96-4	< 50	N/A

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS:

**EYE:** Direct contact with material can cause irritation to the eyes. 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.

**INGESTION:** Ingestion may cause nausea, diarrhea, and stomach discomfort.

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

## 4. FIRST AID

**EYES:** In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 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.

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

**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.



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## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES:

**Flash Point:** >200°C (>392°F)  
**Flash Point Method:** COC  
**Lower Flammability Limit:** Not available  
**Upper Flammability Limit:** Not available  
**Auto Ignition Temperature:** Not available

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and asphyxiants.

**EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide. Avoid using water.

**FIRE FIGHTING INSTRUCTIONS:** Slightly combustible. May release flammable vapors when heated above flash point.

**PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:** Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Use water only for cooling container. Water may cause splattering, or transport the flame.

## 6. ACCIDENTAL RELEASE MEASURES

**CONTAINMENT PROCEDURES:** Stop the flow of material, if this is without risk. Remove sources of ignition. Extinguish all flames in the vicinity. Block any potential routes to soil, water systems, and sewer.

**CLEAN-UP PROCEDURES:** Eliminate ignition sources including sources of electrical, static or frictional sparks. Ventilate the contaminated area. Do not allow the spilled product to enter public drainage system or open water courses. Wear appropriate protective equipment and clothing during clean-up. Shovel material into appropriate container for disposal. Use non-sparking tools. Residual liquid can be absorbed with inert material.

**EVACUATION PROCEDURES:** Isolate area. Evacuate all non-essential personnel.

**SPECIAL PROCEDURES:** Wear appropriate personal protective equipment. Avoid skin contact and inhalation of vapors during disposal of spills. Do not allow product to enter sewer or waterways.

## 7. HANDLING & STORAGE

**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. Do not reuse empty containers.



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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use in areas of adequate ventilation.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYE/FACE PROTECTION:** Safety glasses, goggles, or face shield are recommended.

**SKIN PROTECTION:** Use of nitrile or neoprene gloves is recommended.

**RESPIRATORY PROTECTION:** If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH/MSHA respiratory protection must be provided. Self-contained breathing apparatus is recommended for confined space entry.

#### EXPOSURE GUIDELINE(s):

TLV = 5 mg/m<sup>3</sup> as oil mist

### 9. PHYSICAL & CHEMICAL PROPERTIES

**APPEARANCE:** Black grease

**ODOR:** Petroleum odor

**ODOR THRESHOLD:** Not available

**BOILING POINT:** > 300°C (> 572°F)

**SOLUBILITY IN WATER:** negligible

**SPECIFIC GRAVITY:** 0.929

**VAPOR PRESSURE:** < 0.01 mm Hg @ 20°C

### 10. STABILITY & REACTIVITY

**INCOMPATIBILITY WITH OTHER MATERIALS:** Oxidizing agents. Do not heat above the flash point.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**DECOMPOSITION PRODUCTS:** Carbon dioxide, Carbon monoxide.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. Prolonged or repetitive skin contact may cause irritation.



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## **CHRONIC TOXICITY**

Not expected to have any chronic effects.

## **CARCINOGENICITY**

No information available for the product.

### **Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## **12. ECOLOGICAL INFORMATION**

This material is expected to have adverse effects on marine land plant life. Spills may contaminate drinking water.

## **13. DISPOSAL CONSIDERATIONS**

**DISPOSAL:** Do not allow this material to drain into sewers/water supplies. Packaging that cannot be cleaned should be disposed of like the product. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## **14. TRANSPORT INFORMATION**

### **US DOT 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:  
 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.

## **15. REGULATORY INFORMATION**

### **US FEDERAL REGULATIONS**

<b>TSCA</b>	All components of this material are on the US TSCA inventory.
<b>SARA 311</b>	
<b>SARA 312</b>	
<b>SARA 313</b>	Contains <1% zinc compounds.
<b>CAL PROP 65</b>	not listed
<b>RCRA</b>	not listed
<b>CERCLA</b>	listed



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### 16. OTHER INFORMATION

#### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### MEDICAL EMERGENCIES:

Call CHEMTREC 24 hours a  
Day for emergency information  
800-424-9300

#### FOR ANY OTHER INFORMATION:

REMA TIP TOP/NO. AMERICA  
119 Rockland Ave.  
NORTHVALE, NJ 07647  
201-768-8100

**NOTICE:** REMA TIP/TOP USA believes that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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