

# ENFORCE Tire Mounting Compound

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 10/02/2014

Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Name:** Enforce Tire Mounting Lube TC75

**Product Code:** TC-75

**Synonyms:** Moly-Lithium Based Lubricant

#### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** Mounting Tires. For professional use only.

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Company

Imperial Western Products

86-600 Avenue 54

Coachella, CA 92236

800.975.6677

[www.IWPUSA.com](http://www.IWPUSA.com)

##### Manufacturer

Lubricating Specialties Company

8015 Paramount Blvd

Pico Rivera, CA 90660

562.776.4000

#### 1.4. Emergency Telephone Number

**Emergency Number** : (800) 424-9300

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### Classification (GHS-US)

Skin Irrit. 2 H315

Eye Irrit. 2B H320

#### 2.2. Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

: Warning

##### Hazard Statements (GHS-US)

: H315 - Causes skin irritation.

##### Precautionary Statements (GHS-US)

: P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - If on skin: Wash with plenty of water.

P362 - Take off contaminated clothing and wash before reuse.

##### HMIS

**Health:** 2

**Fire:** 1

**Physical:** 0

**Hazards:**

**PPE:** C

##### NFPA

**Health:** 2

**Fire:** 1

**Reactivity:** 0

**Special Hazards:-**

#### 2.3. Other Hazards

This product contains no PBT/vPvB chemicals.

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### 2.4. Unknown Acute Toxicity (GHS-US) No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Distillate (petroleum) hydrotreated heavy naphthenic	(CAS No) 0064742-52-5	<90	Not classified
Residual oils (petroleum), hydrotreated	(CAS No) 0064742-57-0	<20	Not classified
Octadecanoic acid, 12-hydroxy-	(CAS No) 0000106-14-9	<10	Not classified

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

#### General:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

#### Inhalation:

If inhaled, remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. If unconscious, place in the recovery position and seek medical attention immediately.

#### Skin Contact:

In case of contact, immediately rinse skin with plenty of water. Remove contaminated clothing and shoes. If skin irritation occurs, seek medical attention. Launder contaminated clothing before reuse.

#### Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

#### Ingestion:

Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

No data available.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

Use carbon dioxide (CO<sub>2</sub>), dry chemical, or foam to extinguish flames.

### 5.2. Special Hazards Arising From the Substance or Mixture

Hazardous Decomposition Products: May form CO and CO<sub>2</sub>

### 5.3. Advice for Firefighters

Self-contained full-face positive pressure breathing apparatus (SCBA) should be used. Water can be used to cool and protect exposed material. Do not allow runoff water and contaminants from fire fighting to enter drains or water courses.

#### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with spilled material. Use suitable personal protective equipment. Ventilate area if spilled in confined space or other poorly ventilated areas. Evacuate personnel to safe areas. Keep unnecessary personnel away.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Report spills as required to appropriate authorities in accordance with all applicable regulations.

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### 6.3. Methods and Material for Containment and Cleaning Up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or water courses.

If drains, sewers or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Dispose of in accordance with all federal, state, and local environmental regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

#### Handling:

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation.

**In storage:** Store in a dry location at room temperature.

Keep this container and vapors from heat and flames. Keep container closed and maintain all original markings and labels.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

Keep away from strong oxidizing and reducing agents.

**CAUTION!!!** Do not use cutting or welding torches on drums, even when empty. Do not reuse container. Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

### 7.3. Specific End Use(s)

There are no exposure scenarios. See details in section 1

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

The following control parameters have been established.

CAS Number	Ingredients	Source	Value
0000106-14-9	Octadecanoic acid, 12-hydroxy-	OSHA	No established limit
		ACGIH	No established limit
		NOISH	No established limit
0064742-52-5	Distillate (petroleum) hydrotreated heavy naphthenic	OSHA	No established limit
		ACGIH	No established limit
		NOISH	No established limit
0064742-57-0	Residual oils (petroleum), hydrotreated	OSHA	No established limit
		ACGIH	No established limit
		NOISH	No established limit
0000106-14-9	Octadecanoic acid, 12-hydroxy	OSHA	Select carcinogen: NO
		IARC	Group 1:NO; Group 2: NO; Group 2B: NO Group 3: NO; Group 4: NO;
0064742-52-5	Distillate (petroleum) hydrotreated heavy naphthenic	OSHA	Select carcinogen: NO
		IARC	Group 1:NO; Group 2: NO; Group 2B: NO Group 3: NO; Group 4: NO;
0064742-57-0	Residual oils (petroleum), hydrotreated	OSHA	Select carcinogen: NO
		IARC	Group 1:NO; Group 2: NO; Group 2B: NO Group 3: NO; Group 4: NO;

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### 8.2. Exposure Controls

No special requirements under ordinary conditions of use and with adequate ventilation.

**Personal Protective Equipment:** Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Dark Grease
Odor	: Petroleum Odor
Odor Threshold	: Not available
pH	: 7.0 Not Determined
Evaporation Rate	: Not Determined
Melting Point	: Not Determined
Freezing Point	: Not Determined
Boiling Point	: > 300
Flash Point	: > 200
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not Applicable
Lower Flammable Limit	: Not Determined
Upper Flammable Limit	: Not Determined
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: .9231
Specific Gravity	: 1.02
Solubility	: Negligible
Partition Coefficient: N-octanol/water	: Not available
Viscosity	: Not Measured
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

The data listed above are typical physical and chemical properties that do not constitute product specifications

### 9.2. Other Information

DMSO extract by IP346: Less than 3.0wt% (mineral oil component only)

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### SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** No data available
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** May react with: oxidizing agents.
- 10.4. Conditions to Avoid:** High temperature, sparks, and open flames.
- 10.5. Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. Reducing agents.
- 10.6. Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Toxic gases. Nitrogen oxides. Sodium oxides. Corrosive vapors.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on Toxicological Effects - Product

##### Acute Toxicity:

The preparation has been assessed using the Acute Toxicity Data listed below, and classified for toxicological hazards accordingly. See section 2 for details.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapor LD50, mg/L/4hr
Distillate (petroleum) hydrotreated heavy naphthenic (0064742-52-5)	>5,000, Rat	5,000.00, Rabbit	Not Available
Octadecanoic acid, 12-hydroxy- (0000106-14-9)	Not Available	Not Available	Not Available
Residual oils (petroleum), hydrotreated – (00647-57-0)	Not Available	Not Available	Not Available

Classification	Category	Hazard Description
Acute toxicity (Oral)	Not Classified	Not Applicable
Acute toxicity (Dermal)	Not Classified	Not Applicable
Acute toxicity (Inhalation)	Not Classified	Not Applicable
Skin corrosion / irritation	2	Causes skin irritation
Serious eye damage / irritation	Not Classified	Not Applicable
Respiratory sensitization	Not Classified	Not Applicable
Skin sensitization	Not Classified	Not Applicable
Germ cell mutagenicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive toxicity	Not Classified	Not Applicable
STOT-single exposure	Not Classified	Not Applicable
STOT-repeated exposure	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

##### Aquatic Ecotoxicity

Ingredient	96 hr LC50 Fish, mg/l	48 hr EC50 Crustacea, mg/l	ErC50 Algae, mg/l
Distillate (petroleum) hydrotreated heavy naphthenic (0064742-52-5)	5,000.00, Oncorhynchus mykiss	1,000.0 Daphnia magna	1,000.00 (96hr), Scenedesmus subspicatus
Residual oils (petroleum), hydrotreated –	Not Available	Not Available	Not Available

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(00647-57-0)			
Octadecanoic acid, 12-hydroxy- (0000106-14-9)	Not Available	Not Available	Not Available

### 12.2. Persistence and Degradability

There is no data on the preparation itself.

### 12.3. Bioaccumulative Potential

Not Measured

### 12.4. Mobility in Soil

No data available

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other Adverse Effects

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

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

## SECTION 14: TRANSPORT INFORMATION

14.1. UN Number Not applicable

14.2. UN proper shipping name Not applicable

14.3. Transport hazard class (es)

US DOT Label Not regulated

ADR/RID Not regulated

IMDG Not regulated

Sub Class Not applicable

14.4. Packing group Not applicable

14.5. Environmental hazards

ADR/RID Environmentally Hazardous: No - Not regulated

IMDG Marine Pollutant: No – Not regulated

14.6. Special Precautions or user

No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

## SECTION 15: REGULATORY INFORMATION

### National Legislation

United States:

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

SARA 311/312 (>0.1%): Not Applicable

SARA 313 (>0.1%): Not Applicable

CERCLA (>0.1%): Not Applicable

Inventory – Canada – Non-Domestic Substances (NDSL):

California Proposition 65 Cancer:

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Naphthalene

**California Proposition 65 Developmental:** Not Applicable  
**California Proposition 65 Reproductive:** **Female:** Not Applicable  
**Male:** Not Applicable

### **Inventory – Australia – Inventory of Chemical Substances (AICS):**

Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene Calcium Sulfonate  
Distillate (petroleum) hydrotreated heavy naphthenic  
Lithium hydroxide monohydrate  
Octodecanoic acid, 12-hydroxy-  
Residual Oils (petroleum), hydrotreated

## **SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

This information has been compiled from sources considered to be dependable and is accurate to the best of Imperial Western Products' knowledge. Imperial Western Products makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY OR FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. Imperial Western Products assumes no responsibility for injury to recipient or third person or for any damage to any property and recipient assumes all such risks.

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

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