

SHEET 0055870

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SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form:

Product Name: Liquid Lube Blue, concentrate

CAS No:

Synonyms:

1.2. Intended Use of the Product

Use of the substance/mixture: Tire Mounting & Demounting

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

Rema Tip Top - North America

119 Rockland Ave.

Northvale, NJ 07647

Phone: 201 256-8200

[Leave a message](#)



1.4. Emergency Telephone Number

Emergency | North America: 800-424-9300 (CHEMTREC)

number |International: 703-527-3887 (CHEMTREC) Collect Calls Accepted

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Skin |Category 3

Irritation |

Eye Irritation|Category 2B

Reproductive |Category 2

Toxicity |

Acute Aquatic |Category 3

Toxicity |

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) |Health Hazard |Environment

Signal Word (GHS-US) |Warning!

Hazard Statements (GHS-US) |H316: Causes light skin irritation

|H320: Causes eye irritation

|H361: Suspected of damaging fertility or the

unborn |child

|H402: Harmful to aquatic life

Precautionary Statements |Prevention:

(GHS-US)

|P201: Obtain special instructions before use.

|P202: Do not handle until all safety precautions

|have been read and understood.

|P260: Do not breathe vapours/spray.

|P264: Wash hands and exposed skin thoroughly after

|handling.

|P270: Do not eat, drink or smoke when using this

|product.

|P280: Wear protective gloves/eye protection/face

|protection.

|P281: Use personal protective equipment as

required.

|

|Response:

|P302 + P352: IF ON SKIN: Wash with plenty of soap

|and water.

|P305 + P351 + P338: IF IN EYES: Rinse cautiously

|with water for several minutes. Remove contact

|lenses, if present and easy to do. Continue

rinsing.

|

|P308 + P313: IF exposed or concerned: Get medical

|advice/attention.

|P321: Specific treatment found in supplemental

|Aid Section of this SDS (Section 4).

|P332 + P313: If skin irritation occurs: Get

|advice/attention.

|P337 + P313: If eye irritation persists: Get

|advice/attention.

|P362: Take off contaminated clothing and wash

|reuse.

|Storage:

|P405: Store locked up.

|Disposal:

|P501: Dispose of contents/container in accordance

|with local/regional/national regulations.

First

medical

medical

before

2.3. Other Hazards

Other Hazards Not Contributing to the Classification:

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification
			(GHS-US)
Potassium Hydroxide	1310-58-3	< 1	
Polyethylene Glycol Octylphenyl	9036-19-5	< 1	
Ether			
Sodium Nitrite	7632-00-0	< 1	

4,4-Dimethyloxazolidine	51200-87-4	< 1	

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: Immediately move outdoors or to fresh air. If not breathing or if breathing is difficult, provide artificial respiration or oxygen. If irritation occurs, seek medical attention.

First-aid Measures After Skin Contact: Wash contaminated areas with plenty of water after use. Wash contaminated clothing before reuse. If skin irritation persists, seek medical attention.

First-aid Measures After Eye Contact: Immediately flush eyes gently with plenty of water for at least 15 minutes. While washing, remove contact lenses if present and easy to do so and continue rinsing. Rinse beneath eyelids by holding eyelids apart with clean fingers while washing. If eye irritation persists, seek medical attention.

First-aid Measures After Ingestion: Seek medical attention. If awake and alert,

rinse mouth and drink plenty of water to help dilute the material. Do not give liquids to a drowsy or unconscious person. If vomiting occurs, keep heads below hips to prevent aspiration.

4.2. Most important symptoms and effects, both acute and delayed Symptoms/Injuries:

Symptoms/Injuries After Inhalation: Nausea, headache, irritation of the nose, throat and lungs

Symptoms/Injuries After Skin Contact: Slight skin irritation, redness

Symptoms/Injuries After Eye Contact: Eye irritation, stinging sensation, tearing, redness

Symptoms/Injuries After Ingestion: Stomach or intestinal irritation, nausea, vomiting, nausea, dizziness, drowsiness

Chronic Symptoms:

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

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Alcohol-resistant foam, Water spray, Carbon dioxide,
Dry chemical

Unsuitable Extinguishing Media: None identified

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard:

Explosion Hazard: Carbon monoxide, Carbon dioxide

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions: This product is noncombustible; however heating may
release vapors which can be ignited. Material can splatter above 212°F (100°C).

Dried product or residue can burn.

Protection During Firefighting: Wear full firefighting turn-out gear (full
Bunker
gear), and respiratory protection (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Persons not wearing proper PPE should be excluded from the area of contamination until clean-up has been completed.

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment: Recommended to wear chemical splash goggles & gloves and

discard of gloves that show tears, pinholes, or signs of wear. Wear proper

garments to prevent skin exposure, such as long-sleeves and pants.

Emergency Procedures:

6.2. Environmental Precautions

Do not allow discharge into drains, surface waters, or sanitary sewer system.

Local authorities should be advised if significant spillages cannot be contained

or if material discharges into drains or ground water.

6.3. Methods and Material for Containment and Cleaning Up

For Containment:

Methods for Cleaning Up: Absorb material with inert materials. Shovel or gather

material and place in appropriate container for disposal. Wash spill area

thoroughly with plenty of water.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Use only with adequate ventilation and personal

protection. Avoid contact with eyes, skin and clothing. Wear proper personal

protective equipment when handling this product. Do not eat, drink or smoke when

using this product. Wash hands and face after handling this product and before

eating, drinking, and smoking.

Hygiene Measures: Wash hands before breaks and after handling product. When using,

do not eat, drink, or smoke. In case of clothes contamination, remove and wash

contaminated clothing before re-use.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: Keep container tightly closed and store locked up. Keep away

from food, drink, and animal foodstuffs.

Incompatible Materials: None identified

7.3. Specific End Use(s)

Incompatible Materials: None identified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits :

Exposure Limits have not been established for this product.

Potassium Hydroxide: CAS # 1310-58-3

OSHA: Permissible Exposure Limit (PEL) None Established

ACGIH: Ceiling Value (C) 2 mg/m³

NIOSH: Ceiling Value (C) 2 mg/m³

8.2. Exposure Controls

Appropriate Engineering | Use product in a well-ventilated area.

Controls |

Personal Protective Equipment |

Materials for Protective	
Clothing	
Hand Protection product, pinholes,	Recommended to wear gloves when using this and to discard of gloves that show tears, or signs of wear.
Eye Protection bottle	Recommended to wear splash goggles when there is potential for the exposure of the eyes to the product. Have a suitable eye wash station or nearby in case of splashing into the eyes.
Skin and Body Protection and supplier	Recommended to wear long-sleeved clothing, pants proper foot covering in order to minimize direct skin contact with the product. If skin irritation develops, contact your facility health and safety professional or your local safety equipment to determine the proper personal protective equipment for your use.
Respiratory Protection	Although unlikely, a NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be appropriate under certain

been |circumstances or if overexposure has otherwise
|determined. Protection provided by air-purifying
|respirators is limited. Use a positive pressure,
|air-supplied respirator if there is any potential
|for uncontrolled release or other circumstances
|where an air-purifying respirator may not provide
|adequate protection.

Thermal Hazard Protection |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	
Appearance	Clear blue liquid
Odor	Mild
Odor Threshold	No data available
pH	7.6 - 8.6
Relative Evaporation Rate	No data available
(butylacetate=1)	
Melting Point	32°F (0°C)

Freezing Point	32°F (0°C)
Boiling Point	212°F (100°C)
Flash Point	Not applicable
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	Not applicable
Relative Vapor Density at 20 °C	No data available
Relative Density	
Specific Gravity	
Solubility	Completely Soluble
Partition coefficient:	No data available
n-octanol/water	
Viscosity	No data available
Lower Flammable Limit	Not applicable
Upper Flammable Limit	Not applicable

9.2. Other Information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of Hazardous Reactions

Will not react under normal conditions.

10.4 Conditions to Avoid

Excessive heat, Repeated direct sunlight exposure

10.5 Incompatible Materials

None identified

10.6 Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Nausea, irritation of the nose, throat and airways, dizziness,
drowsiness, headache

Skin Corrosion/Irritation:

Serious Eye Damage/Irritation:

Respiratory or Skin Sensitization:

Germ Cell Mutagenicity:

Carcinogenicity:

Reproductive Toxicity:

Specific Target Organ Toxicity (Single Exposure):

Specific Target Organ Toxicity (Repeated Exposure):

Aspiration Hazard:

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms: This material may harm fertility or harm the unborn child due to preliminary tests performed on laboratory animals. Reproductive effects on humans are currently unknown.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Eco-toxicity: This substance may be harmful to aquatic organisms. It is strongly advised that this substance does not enter the environment.

Potassium Hydroxide: CAS # 1310-58-3

Toxicity to Fish: LC50 - 179 mg/l (Fathead Minnow; 96 h)

LC50 - 80 mg/l (Mosquito Fish; 96 h)

Toxicity to Daphnia: EC50 - 60 mg/l (Daphnia; 48 h)

Polyethylene Glycol Octylphenyl Ether: CAS # 9036-19-5

Toxicity to Fish: LC50 - 4 mg/l (Fathead Minnow; 96 h)

Toxicity to Daphnia: EC50 - 45 mg/l (Daphnia; 48 h)

Sodium Nitrite: CAS # 7632-00-0

Toxicity to Fish: LC50 - 0.09 mg/l (Rainbow Trout; 96 h)

LC50 - 2.35 mg/l (Fathead Minnow; 96 h)

LC50 - 130 mg/l (Zebra Fish; 96 h)

Toxicity to Daphnia: EC50 - 8.3 mg/l (Daphnia; 48 h)

4,4-Dimethyloxazolidine: CAS # 51200-87-4

Toxicity to Fish: LC50 - 95 mg/l (Rainbow Trout; 96 h)

LC50 - 59 mg/l (Bluegill Sunfish; 96 h)

Toxicity to Daphnia: EC50 - 45 mg/l (Daphnia; 48 h)

12.2. Persistence and Degradability

No data available; Substance is readily biodegradable.

12.3. Bioaccumulative Potential

No data available

12.4. Mobility in Soil

No data available

12.5. Other Adverse Effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of in accordance with Federal, State or

Local regulations. Contaminated packaging should be emptied as far as possible

before disposal.

Additional Information:

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name |This product is not regulated as a hazardous material for
|transport.

Hazard Class		<PICTOGRAM PHRASE>
Identification Number		
Label Codes		
ERG Number		

14.2 In Accordance with IMDG

Proper Shipping Name |This product is not regulated as a hazardous material for
|transport.

Hazard Class		
Identification Number		
Label Codes		<PICTOGRAM PHRASE>
ntification Of The		
Substance/m		
EmS-No. (Fire)		

EmS-No. (Spillage) | |

14.3 In Accordance with IATA
Proper Shipping Name |This product is not regulated as a dangerous good for
|transport.

Identification Number| |<PICTOGRAM PHRASE>

Hazard Class | |

Label Codes | |

ntification Of The | |

Substance/m | |

ERG Code (IATA) |

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations
<COMPONENT>

SARA Title III:

Section 302 - Extremely Hazardous Chemicals:

The following ingredients are subject to the supplier notification requirements
of
Section 302 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and
the requirements of 40 CFR Part 37:

None Listed

Section 313 - Toxic Chemicals:

The following ingredients are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 37

Component	CAS #	Weight %	CERCLA RQ
Sodium Nitrite	7632-00-0	< 1	

100

SARA Section 311/312 Hazard Classes |

Toxic Substances Control Act (TSCA) |

15.2 US State Regulations

<COMPONENT>

California Proposition 65:

WARNING! This product contains materials known to the state of California to cause cancer, birth defects, and other reproductive harm.

The components of this product may be included on the various state hazardous materials lists noted below.

California Hazardous Substances List

Massachusetts Hazardous Substances List

New Jersey RTK Hazardous Substances List

New Jersey TCPA Extremely Hazardous Substances List

Pennsylvania Hazardous Substances List

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

Revision date |1/29/2014

Other |This document has been prepared in accordance with the SDS

Information |requirements of the OSHA Hazard Communication Standard 29 CFR

|1910.1200.

GHS Full Text Phrases:

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