



Safety Data Sheet

PREMA Products Inc.

Product Code: PTL-1G

SDS #: RTT-PR-011

Rev. # 4

Rev. Date: 6/29/2016

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PREMA Tire Mounting Lube

Chemical Family: Aqueous acrylic polymer solution

Product Use: Tire Mounting & Demounting

Restrictions on Use: Use as directed by manufacturer

Manufacturer: Prema Products Inc.
1500 Industrial Blvd.
Madison, GA 30650
Phone: 905-628-2303

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

2. HAZARDS IDENTIFICATION

GHS Classification

Environmental Hazards

Acute Aquatic Toxicity, Category 3

GHS-Labeling

Pictograms:



Hazard Statement

H402: Harmful to aquatic life

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Aqueous acrylic polymer solution

Component*	CAS #	Weight %
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Sodium Nitrite	7632-00-0	< 1
4,4-Dimethyloxazolidine	51200-87-4	< 1
Sodium Dodecylbenzenesulfonate	68081-81-2	< 1

*The above listed components are materials which contribute to this products' GHS Hazard Categorization as prescribed in OSHA's Hazard Communication 29 CFR 1910.1200.

4. FIRST AID MEASURES

Inhalation

Symptoms & Effects: Not expected to be an inhalation hazard

Measures: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped, begin artificial respiration. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

Skin Contact

Symptoms & Effects: Slight or no skin irritation

Measures: Immediately wash skin with plenty of water for at least 15 minutes. If skin irritation or rash occurs, seek medical advice/attention.

Eye Contact

Symptoms & Effects: Slight or no eye irritation

Measures: Rinse eyes with water for a few minutes. Remove contact lenses after the initial few minutes and if easy to do so and resume rinsing. If eye irritation develops, seek medical attention.

Ingestion

Symptoms & Effects: Digestive tract irritation

Measures: Drink plenty of water in order to dilute ingested material. If the victim is drowsy or unconscious, do not give anything by mouth. If symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water, Dry chemical, Carbon dioxide, Foam

Unsuitable Extinguishing Media: None Identified

Hazardous Combustion Products: Nitrogen Oxides, Carbon monoxide, Carbon dioxide

Protective Equipment for Fire-Fighters: Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Precautions for Fire-Fighters: This product is a slight fire hazard. Contain fire run off if possible. Unsuitable extinguishing media have not been identified.



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6. ACCIDENTAL RELEASE MEASURES

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 avoid skin exposure, such as long-sleeves and pants.

Personal Precautions: Persons not wearing proper PPE should be excluded from the area of contamination until clean-up has been completed. Ensure adequate ventilation.

Environmental Precautions: Do not allow discharge into drains, surface waters, or sanitary sewer system. Prevent spreading over a wide area by constructing a dike. Local authorities should be advised if significant spillages cannot be contained or if material discharges into drains or ground water.

Methods & Materials for Clean-Up: Contained spilled material with inert, non-combustible absorbent materials (e.g. sand, earth, diatomaceous earth, vermiculite). Transfer to a suitable container for disposal according to proper federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling: Wear proper PPE when handling this product, which may include protective gloves and chemical splash goggles. Avoid contact with skin and eyes when possible. Wash hands and contaminated areas thoroughly after handling and before breaks. Do not eat, drink or smoke when handling this product.

Storage: Keep container tightly closed in a cool, well-ventilated area.

Incompatible Materials: None identified

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits :

Exposure limits have not been established for this product or any of its components..

Engineering Controls: Use product in a well-ventilated area.

Occupational Exposure Controls: Ensure adequate ventilation, especially in confined areas. Consider all potential hazards of this material, applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting PPE. Ensure that eyewash stations and safety showers are proximal to the work location. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.



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Protective and 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.

Eye Protection: 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 bottle nearby in case of splashing into the eyes.

Hand Protection: Recommended to wear gloves when using this product, and to discard of gloves that show tears, pinholes, or signs of wear.

Skin Protection: Recommended to wear long-sleeved clothing, pants and 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 supplier to determine the proper personal protective equipment for your use.

Respiratory Protection: Not required under normal conditions of use. A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be appropriate for exposure to vapor from heated product, or mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear blue liquid

Odor: Mild

Odor Threshold: No data available

pH: No data available

Melting/Freezing Point: 32 °F (0 °C)

Boiling point: 212 °F (100 °C)

Boiling range: No data available

Flash point (Tag closed cup): Not applicable

Evaporation rate: No data available

Flammability: Lower Limit: Not applicable **Upper Limit:** Not applicable

Vapor pressure: No data available

Relative vapor density: No data available

Density: 1.0 g/cm³ (8.3 lb/gal)

Solubility in water: Completely Soluble

Partition coefficient (n-octanol/water): No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity (dynamic): No data available

10. STABILITY AND REACTIVITY

Reactivity: No decomposition if stored and applied as directed.



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Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Will not react under normal conditions.

Conditions to Avoid: Excessive heat

Incompatible Materials: None identified

Hazardous decomposition products: Nitrogen Oxides, Carbon monoxide, Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Skin contact, Eye contact

Symptoms Related to Physical, Chemical and Toxicological Characteristics: Slight skin and eye irritation, digestive tract irritation

Delayed and Immediate Effects & Chronic Effects from Exposure: This product is not suspected of causing delayed or chronic health effects. This product is not a suspected carcinogen as classified by OSHA, IARC, ACGIH, and NTP (see below).

Measures of Toxicity:

Acute toxicities are calculated based on component toxicities.

Mixture: Acute Oral Toxicity: LD₅₀ Rat: > 5,000 mg/kg

Acute Dermal Toxicity: LD₅₀ Rabbit: > 5,000 mg/kg

Acute Inhalation Toxicity: LC₅₀ Rat: > 20 mg/l

Sodium Nitrite

CAS # 7632-00-0

Acute Oral Toxicity LD₅₀ Rat: 180 mg/kg

Acute Inhalation Toxicity LC₅₀ Rat: 5.5 mg/l



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4,4-Dimethyloxazolidine CAS # 51200-87-4
Acute Oral Toxicity LD₅₀ Rat: 1,037 mg/kg
Acute Dermal Toxicity LD₅₀ Rat: > 2,000 mg/kg
Acute Inhalation Toxicity LC₅₀ Rat: 1.1 mg/l

Carcinogen Claims:

OSHA: No

International Agency for Research on Cancer (IARC): No; 4 [Probably Not Carcinogenic]

ACGIH: No; A5 [Not Suspected]

National Toxicology Program (NTP) Report on Carcinogens: No

12. ECOLOGICAL INFORMATION

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

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)

Persistence & Degradability: No data available; Substance is readily biodegradable.

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State or Local regulations.

Contaminated packaging should be emptied as far as possible before disposal.



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14. TRANSPORT INFORMATION

DOT SHIPPING CLASSIFICATION:

This product is not regulated as a hazardous material for transport.

IMDG (Marine) SHIPPING CLASSIFICATION:

This product is not regulated as a dangerous good for transport.

IATA (Air) SHIPPING CLASSIFICATION:

This product is not regulated as a dangerous good for transport.

15. REGULATORY INFORMATION

All components of this product conform to the following national inventory requirements. US TSCA, EU EINECS and Canada DSL

CANADIAN REGULATIONS

WHMIS 2015 Classification: Not classified as a health hazard

UNITED STATES REGULATIONS

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

OTHER FEDERAL REGULATIONS

Components of this product are subject to RCRA Hazardous Waste requirements. Clean Air Act (CAA) Hazardous Air Pollutants requirements and OSHA Process Safety Management (PSM) high hazard requirements.

STATE REGULATIONS

California Proposition 65



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This product does not contain chemicals 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
Delaware List of Chemicals and RQs
Massachusetts Hazardous Substances List
New Jersey RTK Hazardous Substances List
New Jersey TCPA Extremely Hazardous Substances List
New York List of Hazardous Substances.
Pennsylvania Hazardous Substances List

Note: Entries under Section 15 are not intended to be all inclusive of Federal and State laws and regulations. Please consult the appropriate agencies for further clarification of any requirements.

16. OTHER INFORMATION

This SDS conforms to the OSHA Hazard Communication Standard 1910.1200 published in the Federal Register March 26, 2012

MEDICAL EMERGENCIES:

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

FOR ANY OTHER INFORMATION:

PREMA PRODUCTS INC.
1500 Industrial Blvd.
Madison, GA 30650
905-628-2303

NOTICE: PREMA PRODUCTS INC. believes that the information contained on this 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.

NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.

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