



Safety Data Sheet

REMA Tire Repair Materials

Product #: RLD-32

SDS #: RTT-TRM-001

Rev. # 4

Rev. Date: 1/13/2017

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Leak Detector

Chemical Family: Aqueous glycol & Aromatic compounds solution

Product Use: Tire Leak Detection

Restrictions on Use: Use as directed by manufacturer

Manufacturer: Rema Tip Top - North Americ
119 Rockland Ave.
Northvale, NJ 07647
Phone: 201 256-8200

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

2. HAZARD IDENTIFICATION

GHS Classification

Health Hazards

Eye Irritation, Category 2B

GHS Labeling

Pictograms:



Signal Word: Warning!

Hazard Statements

H320: Causes eye irritation



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Precautionary Statements

Prevention:

P233: Keep container tightly closed.

P264: Wash hands and exposed skin thoroughly after handling.

P280: Wear protective gloves and eye protection

Response:

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

Storage:

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501: Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Glycol & Aromatic compounds solution

Component*	CAS #	Weight %
Propylene Glycol	57-55-6	1 - 5
Sodium Dodecylbenzenesulfonate	68081-81-2	1 - 5

*The above listed components are OSHA hazardous 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: May cause irritation of the nose and airways, headache, coughing

Measures: 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.

Skin Contact

Symptoms & Effects: Slight skin irritation or burning sensation, redness.

Measures: Wash contaminated areas with mild soap and water after use. Wash contaminated clothing before reuse. If skin irritation occurs, seek medical attention.

Eye Contact

Symptoms & Effects: Eye irritation, stinging sensation, tearing, and redness, and swelling of the eyes.



Safety Data Sheet

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Measures: 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. Seek medical attention.

Ingestion

Symptoms & Effects: Stomach or intestinal irritation, nausea, vomiting, abdominal cramps, diarrhea, lumbar pain, dizziness, drowsiness

Measures: Seek immediate medical attention. Do NOT induce vomiting. If awake and alert, rinse mouth and drink 1 glass 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.

5. FIRE FIGHTING MEASURES

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

Unsuitable Extinguishing Media: None identified

Hazardous Combustion Products: Hydrocarbons, 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 does not burn, however heating may release vapors which can be ignited.

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 reduce 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. 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: Absorb material with inert materials. Shovel or gather material and place in appropriate container for disposal. Wash spill area thoroughly.



Safety Data Sheet

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7. HANDLING AND STORAGE

Handling: 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.

Storage: Keep container tightly closed away from direct sunlight. Keep away from food, drink, and animal foodstuffs.

Incompatible Materials: Strong oxidizing agents, Strong acids

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: Consider all potential hazards of this material, 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.

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 chemical 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.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale liquid

Odor: Mild

Odor Threshold: No data available

pH: 7 - 8 (Calculated)

Melting Point: No data available

Freezing point: No data available

Initial boiling point: No data available

Boiling range: 212°F (100°C)

Flash point (Tag closed cup): Not applicable

Evaporation rate: No data available

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

Vapor pressure: < 0.1 psi

Vapor density: No data available

Relative 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.

Chemical Stability: Stable under normal conditions.

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

Conditions to Avoid: Excessive heat

Incompatible Materials: Strong oxidizing agents, Strong acids

Hazardous decomposition products: Hydrocarbons, Carbon monoxide, Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Skin contact, Eye contact, Ingestion, Inhalation

Symptoms Related to Physical, Chemical and Toxicological Characteristics: Nausea, irritation of the nose, throat and airways, dizziness, drowsiness, headache, defatting of the skin, irritation to the digestive tract



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Measures of Toxicity:

Acute toxicities are calculated based on component toxicities

Mixture: Acute Oral Toxicity: No data available

Acute Dermal Toxicity: No data available

Acute Inhalation Toxicity: No data available

Propylene Glycol

CAS # 57-55-6

Acute Oral Toxicity LD₅₀ Rat: 20,000 mg/kg

Acute Dermal Toxicity LD₅₀ Rat: 20,800 mg/kg

Acute Inhalation Toxicity No Data Available

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.

Propylene Glycol

CAS # 57-55-6

Toxicity to Fish LC₅₀ – 52,930 mg/l (Fathead Minnow; 96 h)

Toxicity to Daphnia EC₅₀ – > 10,000 mg/l (Daphnia; 48 h)

Persistence & Degradability: No data available

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.



Safety Data Sheet

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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

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

None Listed

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.

CANADIAN REGULATIONS

WHMIS Classification: Same as OSHA GHS classification

STATE REGULATIONS

California Proposition 65

This product does not contain materials known to the state of California to cause cancer, birth defects, and other reproductive harm.



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The components of this product may be included on the various state hazardous materials lists noted below.
New Jersey RTK Hazardous Substances List
Pennsylvania Hazardous Substances List
Vermont Hazardous Air Contaminants
Washington Toxic Air Pollutants

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:

KEX TIRE REPAIR
119 Rockland Ave.
NORTHVALE, NJ 07647
201-256-8200

NOTICE: KEX TIRE REPAIR 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.

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