



Safety Data Sheet

REMA Tire Repair Materials

Product #s: 101000067

RTT-TRM-227

Rev. # 1

Rev. Date: 4/29/2020

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Rema Hand Sanitizer

Chemical Family: Ethyl Alcohol Solution

Product Use: Rema Hand Sanitizer is designed to help reduce bacteria that potentially can cause disease. For use when soap and water are not available. Quickly removes the number of microbes on hands.

Restrictions on Use: Use as directed by distributor

Distributor: Rema Tip Top/North America, Inc
1500 Industrial Blvd.
Madison, GA 30650
Phone: 706-752-4000

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

2. HAZARDS IDENTIFICATION

GHS Classification

Physical Hazards

Flammable Liquid, Category 3

Health Hazards

Eye Irritation, Category 2B

GHS Labeling

Pictograms:



Signal Word: Danger!

Hazard Statements

H226: Flammable liquid and vapor



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H320: Causes eye irritation

Precautionary Statements

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Response:

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

P321: Specific treatment found in supplemental First Aid Section of this SDS (Section 4).

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

P370 + P378: In case of fire, use dry sand, dry chemical or alcohol-resistant foam for extinction

Storage:

P403 + P233 + P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal:

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

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Component*	CAS #	Weight %
Ethanol	65-17-5	80%
Glycerol	56-81-5	1.45%
Hydrogen Peroxide	7722-84-1	0.125%

4. FIRST AID MEASURES

Inhalation

Symptoms & Effects: None usually required. If symptoms develop, seek medical attention.

Skin Contact

Symptoms & Effects: None usually required. If symptoms develop, seek medical attention.

Eye Contact

Symptoms & Effects: Eye irritation, stinging sensation, tearing, redness

Measures: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.



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Ingestion

Symptoms & Effects: Toxic when ingested.

Measures: If a large quantity is swallowed, do not induce vomiting. Call a physician or poison control center immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use dry sand, dry chemical or alcohol-resistant foam. Do NOT use high volume water jet.

Special Fire Fighting Procedures: Fire hazard. Wear personal protective equipment. Move containers from fire area if it can be done without risk. Keep containers cool and vapors down with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent runoff from entering sewers and public waterways.

Hazardous Combustion Products: Carbon oxides.

Unusual Hazards: Do not breathe fumes. Flash back possible over considerable distance.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Remove all sources of ignition. Contain spill and collect with non-combustible absorbent material (sand, diatomaceous earth, vermiculite) and place in container for disposal (see Section 13).

7. HANDLING AND STORAGE

Handling Precautions: Keep out of eyes, ears and mouth. For external use only. Keep away from heat or flame. Do not smoke while using. Do not use if pre-existing skin conditions exist.

Storage Precautions: Avoid freezing and excessive heat. Store in a cool, well-ventilated place, between 59° - 86°F (15° - 30°C). Keep away from oxidizing agents. Store in suitable labeled containers away from sources of ignition. Shelf Life: Approximately 2 years from date of shipment when stored correctly.

General: Follow label directions carefully. Keep away from heat and sources of ignitions. Keep out of reach of children. Keep container tightly sealed when not in use. The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide general ventilation to keep concentrations below PEL/TLV.



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PERSONAL PROTECTION

Eyes: Not usually necessary unless splashing may occur. Do not allow to directly contact eyes.

Respirator: Not usually necessary.

Gloves: Not normally required.

Other: None.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs. TWA (ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethyl alcohol	1000 ppm	1000 ppm

N.E. = Not Established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid

Odor: Alcohol

Odor Threshold: No data available

pH: 7.5 typical

Melting/Freezing Point: Not available

Boiling point/range: Not available

Flash point (Tag closed cup): Not available

Evaporation Rate: Not available

Flammable Limits: Not available

Conditions of Flammability: Not established

Explosive Properties: None

Vapor Pressure: Not available

Vapor Density: Not available

Relative Density (H₂O = 1): Not available

Solubility in Water: Not available

Auto Ignition Temperature: Not available

Coefficient of Water/Oil Distribution: Not available

10. STABILITY AND REACTIVITY

General: Stable under normal conditions

Conditions of Reactivity: None known under normal conditions.

Incompatible Materials: Strong oxidizing agents and strong acids.



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Conditions to Avoid: Heat, flames sparks and contact with incompatible materials.

Hazardous Decomposition: None known.

Hazardous Polymerization: Not applicable

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:

Eye Contact: Direct eye contact may cause irritation.

Ingestion: None expected under normal use. Toxic when ingested.

Inhalation: None expected under normal use.

Skin Contact: None expected under normal use.

Chronic: Not established

LD50: Not available **LC50:** Not available

National Toxicology Program: Not established

OSHA: Not established

California Prop 65: No listed ingredient

Carcinogenicity: Not classified based on available information

IARC: Not classified

National Toxicology Program: Not classified

OSHA: Not classified

California Prop 65: No listed ingredient

Reproduction Toxicity: No data available

Teratogenicity: No data available

Mutagenicity: No data available

Synergistic Products: Not available

Ethyl Alcohol: Oral: The oral LD50 for rats is 7.06 g/kg

Inh: The mouse LC50 is 39 gm/m³ (4hr)

12. ECOLOGICAL INFORMATION

The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters

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:

PROPER SHIPPING NAME: Consumer Commodity
TRANSPORTATION HAZARD CLASS: ORM-D
DESCRIPTION: Consumer Commodity, ORM-D
EMERGENCY RESPONSE GUIDE NUMBER: 127

IMDG (Marine) SHIPPING CLASSIFICATION:

IMDG CODE: 3
UN NUMBER: UN1170
EmS: F-E, S-D
IMDG PACKING GROUP: III
HAZARD LABEL: 3
Description of the goods
UN1170, Ethanol, 3, III., (23 °C C C)

IATA (Air) SHIPPING CLASSIFICATION:

ICAO/IATA-DGR: 3
UN NUMBER: UN1170
HAZARD LABEL: 3
Description of the goods
UN1170, Ethanol, 3, III., (23 °C C C)

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 *None Listed*

OTHER FEDERAL REGULATIONS



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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

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:

REMA TIP TOP/NORTH AMERICA, INC
240 Pegasus Ave., 2nd Floor
NORTHVALE, NJ 07647
201-256-8200

NOTICE: REMA TIP TOP NORTH AMERICA 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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