

1. PRODUCT AND COMPANY IDENTIFICATION

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|-------------------------------|---|
| Product Name | Boat Soap |
| Formula Reference | RMRBS32 |
| Product Use | Cleaner |
| Restrictions on Use | None identified |
| Company Information | Manufacturer Address RMR Solutions 2202 Grand Commerce Dr. Howell, MI 48855 Ph: 866-822-8744 Fax: 810-227-5595 Website: rmr solutions.com |
| Emergency Phone Number | Chemtel 800-255-3924 |

2. HAZARDS IDENTIFICATION

GHS/HAZCOM 2012 Classification

| Health | Physical |
|-----------------------|---------------|
| Eye Damage Category 1 | Not Hazardous |

Label Elements:

Danger!

H318 Causes serious eye damage.

P264 Wash thoroughly after handling.

P280 Wear eye protection.

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

P310 Immediately call a POISON CENTER or doctor.



3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS# | PERCENT |
|---|-------------|---------|
| Sulfuric Acid, Mono-C10-16-alkyl Esters, Sodium Salts | 68585-47-7 | 5-10 |
| Proprietary Surfactant | Proprietary | 1-3 |

The exact concentrations are a trade secret.

4. FIRST AID MEASURES

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|---------------------|--|
| Eye Contact | Flush the eyes with large amounts of water for 15 minutes, while holding the eyelids open to assure that the entire surface is flushed. Get immediate medical attention. |
| Skin Contact | Wash skin with soap and water for several minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. |
| Inhalation | If irritation occurs, remove to fresh air. Get medical attention if irritation persists. |
| Ingestion | If large amounts are swallowed, seek medical advice. |

Most important symptoms

Contact causes severe eye irritation with possible damage. May cause mild skin irritation. Inhalation of mist may cause mild respiratory irritation.

Indication of any immediate medical attention and special treatment, if needed

Eye contact requires immediate medical attention.

5. FIRE-FIGHTING MEASURES

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|--|--|
| <u>Suitable Extinguishing media</u> | Use media appropriate to surrounding fire. |
| <u>Specific hazards arising from the chemical</u> | Thermal decomposition releases oxides of carbon. This product is not classified as flammable or combustible. |
| <u>Special firefighting procedures</u> | Firefighters should wear self-contained breathing apparatus and full protective clothing. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Ventilate the area. Do not touch or walk through spilled material. Wear protective equipment as directed in Section 8 of this SDS.

Methods and material for containment and cleaning up

Stop flow of material if this is without risk. Dike far ahead of liquid spill for later disposal. Soak up with an inert material and place in suitable containers for disposal.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid release into the environment.

7. HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation. Avoid breathing mist or spray. Avoid contact with eyes and skin. Use with recommended personal protective equipment. Wash hands after use. Use in accordance with good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry place away from strong acids, bases, and oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Component | Exposure Limits |
|---|------------------|
| Sulfuric Acid, Mono-C10-16-alkyl Esters, Sodium Salts | None Established |
| Proprietary Surfactant | None Established |

Engineering Controls

General room ventilation sufficient under normal use conditions

Personal protective equipment

Respiratory Protection

None should be needed for normal use. If exposure limits are exceeded, or exposures are excessive, an approved respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Hand Protection

None required under normal use conditions.

Eye Protection

Wear chemical goggles.

Skin and body protection

Use personal protective equipment as required to avoid skin contact.

Hygiene measures

Handle in accordance with good industrial hygiene and safety.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-----------------|
| Physical state | Liquid |
| Color | Not determined |
| Odor: | Not determined |
| Melting/Freezing Point: | Not determined |
| Boiling Point / Range: | Not determined. |
| Flammability: | Not flammable |
| Flammability Limits: | |
| LEL: | Not applicable |
| UEL: | Not applicable |
| Flash Point: | Not applicable |
| Autoignition Temperature: | Not determined |
| Decomposition Temperature: | Not determined |
| pH: | 9.2 |
| Kinematic Viscosity: | Not determined |
| Solubility: | Not determined |
| Partition Coefficient (n-octanol/water): | Not determined |
| Vapor Pressure: | Not determined |
| Evaporation Rate: | Not determined |
| Vapor Density: | Not determined |
| Density (or Relative Density): | Not determined |

10. STABILITY AND REACTIVITY

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|--|---|
| <u>Reactivity</u> | Non-reactive |
| <u>Chemical stability</u> | Stable |
| <u>Conditions to avoid</u> | Incompatible materials |
| <u>Incompatible materials</u> | Strong oxidizers. Strong bases. Strong acids |
| <u>Hazardous decomposition products</u> | Thermal decomposition releases oxides of carbon |

11. TOXICOLOGICAL INFORMATION**Potential health effects**

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|--|---|
| Inhalation: | Inhalation of mist may cause respiratory irritation. |
| Skin Contact: | May cause mild skin irritation. |
| Eye Contact: | Contact causes irritation with redness, pain, and tearing. |
| Ingestion: | None expected. |
| Chronic Effects: | None expected. |
| Eye Irritation/ Damage: | Direct eye contact causes serious eye irritation with pain & tearing. |
| Skin Irritation / Corrosivity: | May cause mild skin irritation. |
| Sensitization: | Not classified. |
| Carcinogenicity: | Not classified. None of the components of this product are listed as carcinogens by the IARC, OSHA, or NTP. |
| Germ Cell Mutagenicity: | Not classified. |
| Reproductive Toxicity Data: | Not classified. |
| Specific Target Organ Toxicity Single Exposure (STOT-SE): | Not classified. |
| Specific Target Organ Toxicity Repeated Exposure (STOT-RE): | Not classified. |
| Aspiration: | Not classified. |

ACUTE TOXICITY VALUES:

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|---|---|
| Product ATE: | LD50 Oral >2000 mg/kg. |
| Sulfuric Acid, Mono-C10-16-alkyl Esters, Sodium Salts: | LD50 Oral Rat 977 - 1427 mg/kg LD50 Dermal Rabbit >2,000 mg/kg |
| Proprietary Surfactant: | LD50 Oral Rat 1,064 mg/kg LD50 Dermal Rat >2,000 mg/kg |

12. ECOLOGICAL INFORMATION

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|---------------------------|--|
| <u>Ecotoxicity</u> | This product is expected to be harmful to the aquatic environment. |
|---------------------------|--|

Sulfuric Acid, Mono-C10-16-alkyl Esters, Sodium Salts:

LC50 Fathead minnow (Pimephales promelas) >120 mg/L/96 hr.

EC50: Daphnia Magna: 6.5 mg/L/48 hr.

Proprietary Surfactant:

LC50: Zebra fish (Danio rerio) 31.8 mg/ L/96 hr.

EC50: Daphnia magna 3.9 mg/L/48 hr.

Persistence and Degradability:

No additional information for product

Bio-accumulative Potential:

No additional information for product

Mobility in Soil:

No additional information for product

Other Adverse Effects:

None known.

13. DISPOSAL CONSIDERATIONS**Disposal instructions:**

Dispose of product in accordance with all local, state/provincial, and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transportation by DOT, IATA/ICAO or IMDG.

15. REGULATORY INFORMATION**U.S. Federal Regulations****SARA 311/312:**

Hazard Categories for SARA 311/312 Reporting: Classified as per Section 2 of this SDS according to OSHA HazCom 2012 GHS classification.

SARA 313:

This product contains the following chemicals subject to Annual Release Reporting

Requirements under SARA Section 313(40 CFR372):

None

CERCLA Section 103 Reportable Quantity:

This product is not subject to CERCLA reporting requirements as it is sold, however, many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

State Regulations**California Proposition 65:**

This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. OTHER INFORMATION**Revision History:****Date of Current Revision:**

July, 1 2024

Revision Summary:

New SDS

Date of Previous Revision:

N/A