

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name RMR Brands Botanical Disinfectant Cleaner

EPA reg. no. 34810-25-93443

Other means of identification

Product code 2121-02

Recommended use of the chemical and restrictions on use

Recommended use Disinfectant, Deodorizer, Cleaner

Details of the supplier of the safety data sheet

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**EMERGENCY OVERVIEW**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Principle routes of exposure Eye contact. Skin contact. Inhalation. Ingestion.

Potential Health Effects

Acute toxicity

Eyes May cause irritation with direct contact. EPA toxicity category for ocular irritation is Class IV -no irritation

Skin Not irritating to the skin.

Inhalation May cause irritation, not expected when used as directed.

Ingestion Ingestion of large quantities may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic effects No known effect based on information supplied.

Aggravated medical conditions Preexisting eye disorders. Skin disorders. Respiratory disorders.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS# | PERCENT |
|---------------|---------|---------|
| Thymol | 89-83-8 | 0.051 |

4. FIRST AID MEASURES

| | |
|---------------------------|--|
| General advice | Show this material safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice. |
| Eye contact | Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists. |
| Skin contact | Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Use a mild soap if available. Call a physician if irritation develops or persists. If skin irritation persists, call a physician. |
| Inhalation | No specific first aid measures are required |
| Ingestion | No specific first aid measures are required. |
| Notes to physician | All treatments should be based on observed signs/symptoms of distress in the patient. The possibility of overexposure to materials other than this product should be considered. |

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Flammable properties | Not Flammable Liquid |
| Flash point | (Pensky-Martens Closed Cup) None to boiling |
| Suitable extinguishing media: | Suitable to origin of fire |
| <u>Explosion data</u> | |
| Sensitivity to mechanical impact | None |
| Sensitivity to static discharge | None |
| Protective equipment and precautions for firefighters | |
| | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

6. ACCIDENTAL RELEASE MEASURES

Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

| | |
|-----------------------------|--|
| Handling procedures | Do not contaminate food, feed, or water by storage or disposal. No special handling requirements. |
| Storage requirements | Keep container closed when not in use. Store at room temperature. Keep from freezing. Keep out of reach of children. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--|--|
| Engineering measures | None normally required. No special ventilation requirements. |
| <u>Personal Protective Equipment:</u> | |
| Hand protection | None required. |
| Eye/face protection | No special protective equipment required. |
| Skin and body protection | No special protective equipment required. |
| Respiratory protection | None required. |
| <u>Hygiene measures:</u> | When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-----------------------------|
| Physical state | Liquid |
| Odor | Thymol |
| Color | Cloudy opalescent liquid |
| Explosive properties | No data available |
| <u>Other information</u> | |
| Volatile organic compounds (VOC) content | <.25% |
| Melting/freezing point | As water |
| <u>Property Values</u> | |
| pH | 3.10-4.30 |
| Boiling point/boiling range | Over 212 F |
| Flash Point | None to Boiling |
| Evaporation rate | No data available, as water |
| Vapor density | No data available |
| Specific Gravity | (Water =1) 0.99 -1.01 |
| Water solubility | Soluble in water |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Stability/Reactivity | Stable under recommended storage conditions |
| Incompatible products | None known based on information supplied |
| Conditions to Avoid | None known based on information supplied |
| Hazardous Decomposition Products | None |
| Hazardous Polymerization | Hazardous polymerization does not occur |

11. TOXICOLOGICAL INFORMATION

| | |
|-----------------------|---|
| Acute Toxicity | Oral LD50 (rat) > 5 g/kg body weight Dermal LD50 (rabbit) > 5 g/kg body weight Inhalation LC50 (of 256 concentrate) > 5.65 mg/liter for 4 hours |
| Carcinogens | No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens |

12. ECOLOGICAL INFORMATION**Ecotoxicity**

| | |
|--------------------------------------|---|
| Persistence and degradability | No known or expected environmental concerns |
| Bioaccumulative potential | No known or expected environmental concerns |
| Mobility | No known or expected environmental concerns |
| Other adverse effects | No known or expected environmental concerns |

13. DISPOSAL INFORMATION**Waste treatment methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

| | |
|-------------------------|--|
| DOT | Not Regulated as Dangerous Goods |
| TDG | Not Regulated as Dangerous Goods |
| MEX | Not Regulated as Dangerous Goods |
| IATA | Not Regulated as Dangerous Goods |
| IMDG | Not Regulated as Dangerous Goods |
| Marine pollutant | This product is not a marine pollutant according to IMDG/IMO |

15. REGULATORY INFORMATION

HMIS CLASSIFICATION (H, F, R, PE): 0,0,0, NONE

WHMIS Classification (Canada): Non-Hazardous under WHMIS

International Inventories

TSCA Complies

DSL/NDSL Complies

Legend

TSC United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |

Sudden release of pressure hazard No

Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

International Regulations

Canada

This product when tested as a whole is not a controlled substance within the meaning of the Hazardous Products Act. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

| | |
|--------------------------------------|--------------------------|
| NFPA Health hazard | 0 |
| Flammability | 0 |
| Stability/Reactivity | 0 |
| Physical and chemical hazards | 0 |
| HMIS Health Hazard | 0 |
| Flammability | 0 |
| Physical Hazard | 0 |
| Personal protection | None |
| Revision Date | 04-Jan-2020 |
| Revision Note | No information available |

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet