



SAFETY DATA SHEET

RMR-141 Concentrate Formula

Date Issued : 12/29/2021

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RMR-141 Concentrated Formula
GENERAL USE: Disinfectant, Virucide, Fungicide
PRODUCT DESCRIPTION: Disinfectant
PRODUCT CODE:
DISTRIBUTOR

RMR Solutions, LLC
301 Appian Way
Brighton, MI 48116

24 HR. EMERGENCY TELEPHONE NUMBERS
CHEM-TEL: (800) 255-39 24

E-Mail: info@rmrsolutions.com

Phone: 1-866-822-8744

EPA REG. NO.: 61178-1-93443

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Skin Irrit. 2
Eye Dam. 1
Acute Tox. 4 (oral)



GHS05 GHS07

Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

Skin Irrit. 2, H315: Causes skin irritation.
Eye Dam. 1 H318: Causes serious eye damage.
Acute Tox. 4 H302: Harmful if swallowed.

PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/eye protection.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P303+P352: IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center / doctor.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor / physician if you feel unwell.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	2.37	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	2.37	68956-79-6

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

HAZARDOUS COMBUSTION PRODUCTS: Not Established

EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.

LAND SPILL: Avoid discharge to soil.

AIR SPILL: NA = Not Applicable

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Store containers away from children. Close container after use.

HANDLING: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

STORAGE: Store in area inaccessible to children.

STORAGE TEMPERATURE: Store at ambient temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles, full face-shield.

SKIN: Rubber or other chemical resistant gloves. Rubber boots if used on floors. Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

RESPIRATORY: Where danger of mist contact may occur, wear NIOSH approved respiratory protection for mists.

PROTECTIVE CLOTHING: None Expected.

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild, pleasant

COLOR: Clear

pH: 11.5 to 12.5

FLASH POINT AND METHOD: NA = Not Applicable

FLAMMABLE LIMITS: NA = Not Applicable

VAPOR PRESSURE: 20

VAPOR DENSITY: ~ 1

BOILING POINT: 212° F; 100° C

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: ~ 1

DENSITY: 8.66

SPECIFIC GRAVITY: 1.039 grams/ml.

VISCOSITY: Water thin.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established

INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	> 1890 mg/kg	> 2000 mg/kg
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	> 500	> 2000

DERMAL LD₅₀: > 2000 mg/kg male and female rabbits.

ORAL LD₅₀: > 1890 mg/kg Male and Female rats.

EYE EFFECTS: Corrosive to eyes. Permanent damage may occur.

SKIN EFFECTS: Severe skin irritant. May cause burns to skin.

CARCINOGENICITY

IARC: None known.

OSHA: None known.

SENSITIZATION: Not Available

REPRODUCTIVE EFFECTS: None known.

TARGET ORGANS: None known.

TERATOGENIC EFFECTS: Not Available

MUTAGENICITY: Not Available

12. ECOLOGICAL INFORMATION**ENVIRONMENTAL DATA:** Not Available**ECOTOXICOLOGICAL INFORMATION:** No known significant effects or critical hazards noted.**BIOACCUMULATION/ACCUMULATION:** Not Available**AQUATIC TOXICITY (ACUTE):** Not Established**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated. Disinfectants, NOI, liquid.**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Not regulated. Disinfectants, NOI, liquid.**AIR (ICAO/IATA)****SHIPPING NAME:** Not regulated. Disinfectants, NOI, liquid.**VESSEL (IMO/IMDG)****SHIPPING NAME:** Not regulated. Disinfectants, NOI, liquid.**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Not regulated. Disinfectants, NOI, liquid.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Health - Acute**REACTIVITY:** Yes**313 REPORTABLE INGREDIENTS:** No products were found.**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** No products were found.**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** None**TSCA (TOXIC SUBSTANCE CONTROL ACT)****Chemical Name**

n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)

N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)

CAS

68391-01-5

68956-79-6

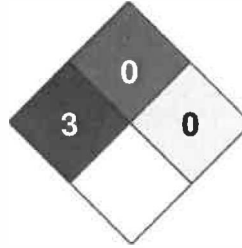
TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR1910.119—PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** No products were found.**CARCINOGEN:** No products were found.**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** Regulated**16. OTHER INFORMATION****APPROVED BY:** Chris Atkinson**TITLE:** President

PREPARED BY: Stearns Packaging Corporation

HMIS RATING

HEALTH	□	3
FLAMMABILITY	□	0
PHYSICAL HAZARD	□	0
PERSONAL PROTECTION	□	B

NFPA CODES



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