



Issue Date : 28-Jul-2021
Revision Date: 01-Oct-2025
Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product name RMR-141 Ready To Use Spray
General Use Ready to Use Disinfectant Cleaner
Product Description Disinfectant & Cleaner
Product Code
Chemical Family Quaternary ammonium chloride blend
EPA reg. No. 61178-2-93443

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**GHS Classifications****Health**

Skin irritation	Category 3
Eye irritation	Category 2B

GHS Label**Signal Word****Warning****Hazard statements**

CH320: Causes eye irritation.
H316: Causes mild skin irritation.
H303: May be harmful if swallowed.

Precautionary Statements - Prevention

P264: Wash hands thoroughly after handling.
P234: Keep only in original packaging.
P102: Keep out of reach of children.

Precautionary Statements - Response

P301+P330+P331: **IF SWALLOWED:** Rinse mouth.
Do NOT induce vomiting.
P310: 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.

P337+P313: If eye irritation persists: Get medical advice/attention.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P362: Take off contaminated clothing.

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW**Physical Appearance**

Clear Liquid

Immediate Concerns

Mild eye irritant

POTENTIAL HEALTH EFFECTS**Eyes**

Contact may cause mild eye irritation.

Skin

May be mildly irritating with prolonged or repeated contact.

Skin Absorption

No known significant effects or critical hazards.

Ingestion

Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

REPRODUCTIVE TOXICITY**Reproductive Effects**

No known significant effects or critical hazards

Teratogenic Effects

No known significant effects or critical hazards

Carcinogenicity

No known significant effects or critical hazards

Mutagenicity

No known significant effects or critical hazards

Routes of Entry

Eye, skin, ingestion

Cancer Statement

None

Warning Caution Labels

Irritant

Physical Hazards

None Expected

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS #	WEIGHT %
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	68391-01-5	0.07
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	68956-79-6	0.07
Water	7732-18-5	95 - 99

4. FIRST AID MEASURES

Eye contact	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	Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.
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.

Signs and Symptoms of Overexposure

Eyes	Slight discomfort with redness, watering eyes.
Skin	Prolonged contact may cause irritation marked by redness, slight burning sensation.
Skin Absorption	None Expected.
Ingestion	Stomach upset, vomiting.
Inhalation	Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.
Acute Toxicity	Irritating to eyes, mild skin irritation.

5. FIRE-FIGHTING MEASURES

Flammable Class	None
Extinguishing Media	Not required.
Explosion Hazards	None
Fire Fighting Procedures	No special requirements.
Hazardous Decomposition Products	Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

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 noncombustible material and transfer to containers.
Release Notes	Product may be harmful to aquatic life.

Special Protective Equipment No special requirements.

7. HANDLING AND STORAGE

General Procedures	Do not contaminate water, food, or feed by storage or disposal.
Handling	Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.
Storage	Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.
Storage Temperature	Store at ambient temperatures.
Storage Pressure	Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eyes and Face	Safety glasses with side shields.
Skin	Rubber or other chemical resistant gloves.
Respiratory	Where danger of mist contact may occur, wear NIOSH approved respiratory protection for mists.
Protective Clothing	No special requirements.
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	Characteristic
Odor Threshold	Not Established
Color	Water Clear
pH	10.0 to 11.0
Percent Volatile	<98
Flash point and Method	None
Flammability Limits	N/A
Autoignition Temperature	N/A
Vapor Pressure	20 mm Hg at 20°C (68°F)
Vapor Density	~ 1 Air = 1
Boiling Point	212° F; 100° C
Freezing Point	32° F; 0° C

Thermal Decomposition	Not Available
Solubility in Water	Complete
Evaporation Rate	(Water =1) 1.0
Density	8.33 at 20°C (68°F)
Specific Gravity	1 grams/ml. at 20°C (68°F)
Viscosity	Water thin
(VOC)	None

10. STABILITY AND REACTIVITY

Reactivity	Stable
Hazardous Polymerization	Will not occur
Conditions to Avoid	None expected
Incompatible materials	Strong oxidizers
Hazardous decomposition products	None expected

11. TOXICOLOGICAL INFORMATION

Acute

Chemical name	Oral LD50 (rat)	Dermal LD50 (rabbit)
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	> 1890 mg/kg (rat)	> 2000 mg/kg (rabbit)
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	> 500 mg/kg (rat)	> 2000 mg/kg (rabbit)

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

ORAL LD50: > 5000 mg/kg Male and Female rats.

Eye Effects	Mild to moderate eye irritant.
Skin Effects	May irritate skin with prolonged or repeated contact.

CARCINOGENICITY

IARC	No listed substance
Corrosivity	NA = Not Applicable
Neurotoxicity	No known significant effects or critical hazards.
Genetic Effects	No known significant effects or critical hazards.
Reproductive Effects	No known significant effects or critical hazards.
Target Organs	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Environmental Data	Not Established
Ecotoxicological Information	This material may be toxic to aquatic life.

Aquatic Toxicity (Acute)	Not Established
Chemical Fate Information	This product is biodegradable.

13. DISPOSAL INFORMATION

Disposal Method	Attempt to use product completely in accordance with intended use. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at your local office, or the nearest EPA regional office for guidance.
For Large Spills	Consult with local and state authorities for large volume disposal.
Product Disposal	Small quantities (less than 1 gallon) of used material may be flushed to sanitary sewer with copious amounts of water. Larger quantities must be disposed of by a licensed disposal company.
Empty Container	Triple rinse container promptly after emptying. Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain and repeat. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

14. TRANSPORT INFORMATION

<u>DOT (DEPARTMENT OF TRANSPORTATION)</u>	Not regulated
Proper Shipping Name	Not regulated.
Placards	None
Label	None
U.S. Customs Harmonization Number	3808.94.0000
<u>AIR (ICAO/IATA)</u>	
Shipping Name	Not regulated.
<u>VESSEL (IMO/IMDG)</u>	
Shipping Name	Not regulated.

15. REGULATORY INFORMATION

United States

DOT Label Symbol and Hazard Classification

SARA Title III (Superfund Amendments and Reauthorization Act)

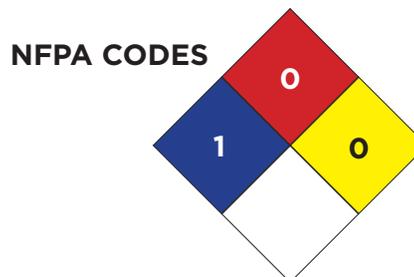
311/312 Hazard Categories	Health - Acute
Fire	No
Pressure Generating	No

Reactivity	No
Acute	Yes
Chronic	No
313 Reportable Ingredients	No listed substance
<u>302/304 EMERGENCY PLANNING</u>	
Emergency Plan	No listed substance
<u>TSCA (TOXIC SUBSTANCE CONTROL ACT)</u>	
TSCA Regulatory	All ingredients are listed on the TSCA Chemical Inventory.
Califonrina Proposition 65	No listed substance
Carcinogen	No listed substance
FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act)	Regulated

16. OTHER INFORMATION

Approved By	Chris Atkinson
Title	President
Prepared By	Stearns Packaging Corporation
Date Prepared	7/28/2021

HMIS RATING	
Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B



Manufacturer Disclaimer

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.

End of Safety Data Sheet

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Proprietary alkalinity booster	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite	100 lb			X

Chemical name	New Jersey	Massachusetts	Pennsylvania
Sodium hypochlorite 7681-52-9	X	X	X
Proprietary alkalinity booster	X	X	X
Proprietary surfactant		X	X

