

**RMR-141 RTU****1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** RMR-141 RTU**GENERAL USE:** Ready to Use Disinfectant Cleaner**PRODUCT DESCRIPTION:** Disinfectant & Cleaner**PRODUCT CODE:** 0336**CHEMICAL FAMILY:** Quaternary ammonium chloride blend**DISTRIBUTOR**

RMR Solutions, LLC

301 Appian Way Drive

Brighton Mi, 48116

**Emergency Phone:** 973-575-9025**Customer Service:** 973-575-9025**E-Mail:** info@rmrsolutions.com**EPA REG. NO.:** 61178-2**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEM-TREC (Medical and Transportation):** 800-424-9300**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATIONS****Health:**

Eye Irritation, Category 2B

**GHS LABEL****SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H320: Causes eye irritation.

**PRECAUTIONARY STATEMENT(S)****Prevention:**

P264: Wash hands thoroughly after handling.

**Response:**

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.

**Storage:**

P233: Keep container tightly closed.

P234: Keep only in original packaging.

**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 causes 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.**INHALATION:** Mist may be irritating to nose, throat and lungs.**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

**SENSITIZATION:** No known significant effects or critical hazards.

**WARNING CAUTION LABELS:** Irritant

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	0.07	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	0.07	68956-79-6
Water	99.86	7732-18-5

### 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:** 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 EFFECTS:** 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 non-combustible 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:** A respirator is not needed under normal and intended conditions of product use.

**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

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**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.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

**INCOMPATIBLE MATERIALS:** Strong oxidizers

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (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 LD<sub>50</sub>:** > 2000 mg/kg male and female rabbits.

**ORAL LD<sub>50</sub>:** > 5000 mg/kg Male and Female rats.

**SKIN CORROSION/IRRITATION:** NA = Not Applicable

**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.

**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

### CARCINOGENICITY

**IARC:** No listed substance

**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.

**STOT-SINGLE EXPOSURE:** 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 CONSIDERATIONS

**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

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated.

**PLACARDS:** None

**LABEL:** None

**U.S. CUSTOMS HARMONIZATION NUMBER:** 3808.94.0000

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Not regulated.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Not regulated.

#### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HEALTH HAZARDS:** Health - Acute

**313 REPORTABLE INGREDIENTS:** No listed substance

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No listed substance

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** No listed substance

**EPA**

**EPA RQ INGREDIENT:** No listed substance

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**CLEAN AIR ACT**

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** No listed substance

**CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS):** No listed substance

**REGULATIONS**

**STATE REGULATIONS:** State regulations require this product to be registered as a pesticide when sold within the state.

Consult individual state regulations on pesticide registration for more details.

**CALIFORNIA PROPOSITION 65:** No listed substance

**CLEAN WATER ACT:** No listed substance

**CARCINOGEN:** No listed substance

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** Regulated

#### 16. OTHER INFORMATION

**APPROVED BY:** Robert Prince **TITLE:** President

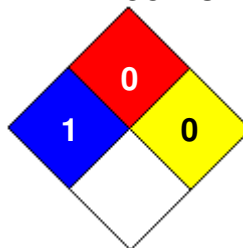
**PREPARED BY:** Regulatory Affairs Department **Date Revised:** 03/11/2020

**REVISION SUMMARY:** This SDS replaces the 04/29/2015 SDS. Revised: **Section 2:** POTENTIAL HEALTH EFFECTS ( INHALATION ), SENSITIZATION. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT - RESPIRATORY. **Section 11:** . **Section 15:** CERCLA REGULATORY, CLEAN WATER ACT, EPA RQ INGREDIENT, STATE REGULATIONS, 40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION, CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS).

**HMIS RATING**

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

**NFPA CODES**



**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.