# SAFETY DATA SHEET

**Product: MARC 311 POWER-CIDAL R-T-U DISINFECTANT**

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NUMBER AND NAME**: **MARC 311 POWER-CIDAL R-T-U DISINFECTANT**

**SDS DATE: 07/10/2026**

**SUPPLIER: Mid-American Research Chemical Corp.** **ADDRESS: P. O. Box 927 • Columbus, NE 68602-0927**
**PHONE: 402-564-7104 FAX: 402-563-1290**
**EMERGENCY PHONE: InfoTrac 1-800-535-5053**
**E-MAIL: marc1@marc1.com WEBSITE: www.marc1.com**

**RECOMMENDED USE**: Ready-To-Use Disinfectant Cleaner.

**PREPARED BY:** MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Eye Irritation - Category 2B Irritant.
**Signal Word:** Warning. **Hazard Statements-**Keep out of reach of children. Read label and SDS before use. Causes eye irritation. **Precautionary Statements—Prevention-**Wear eye protection. Wash hands and face thoroughly after handling. **Response-**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention. Get medical advice/attention if you feel unwell. **Disposal-**Dispose of contents and container in accordance with all local, regional, and national regulations. **Hazards Not Otherwise Specified-** Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT | CAS NO. | WT. % |
|---|---|---|
| Diethylene glycol monobutyl ether | 112-34-5 | 5-10% |
| Tetra sodium ethylenediamine tetra acetic acid (Na4 EDTA) | 64-02-8 | 1- 5% |

## SECTION 4: FIRST AID MEASURES

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|---|---|
| WARNING. | May be harmful if swallowed or inhaled. Eye irritant. |
| EYES: | Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. |
| SKIN: | Wash with plenty of soap and water. |
| INHALATION: | Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. |
| INGESTION: | May be harmful if swallowed. Seek medical attention immediately. |

## SECTION 5: FIRE FIGHTING MEASURES

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| **Suitable fire extinguishing media:** | Use water spray, fog or foam. |
| **Specific hazards arising from the chemical:** | Containers may build pressure and rupture. |
| **Hazardous thermal decomposition products:** | Carbon Dioxide, Carbon Monoxide |
| **Specific fire-fighting methods:** | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
| **Special protective equipment for fire fighters:** | Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions:**
Put on appropriate personal protective equipment (see section 8).
**Environmental precautions and clean-up methods:**
Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

## SECTION 7: HANDLING AND STORAGE

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Do not get in eyes, on skin or on clothing.
Keep out of reach of children.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Diethylene Glycol Butyl Ether(112-34-5)** Osha PEL: 35 ppm ACGIH TLV: 35 ppm

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| **Eye Protection:** | Wear safety glasses or goggles. |
| **Skin Protection:** | Wear impervious gloves (made from rubber, nitrile or neoprene), clothing, and boots. |
| **Respiratory Protection:** | When respiratory protection is required, use an organic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements. |
| **Engineering Controls:** | Good general ventilation required. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| **APPEARANCE-** | |
| **PHYSICAL STATE:** | Clear, Liquid |
| **COLOR:** | Colorless |
| **ODOR**: | Bouquet |
| **ODOR THRESHOLD:** | Not available. |
| **pH:** | 12 – 12.5 |
| **MELTING POINT/** | |
| **FREEZING POINT RANGE:** | Not available |
| **BOILING POINT:** | Not available |
| **FLASH POINT/METHOD USED:** | None |
| **EVAPORATION RATE: (Butyl Acetate=1):** | Not available. |
| **FLAMMABILITY (solid, gas):** | Not available. |
| **UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS** | |
| **FLAMMABLITY-LOWER:** | Not available. |
| **FLAMMABLITY-UPPER:** | Not available. |
| **EXPLOSIVE-LOWER:** | Not available. |
| **EXPLOSIVE-UPPER:** | Not available. |
| **VAPOR PRESSURE (mmHg):** | Not available. |
| **VAPOR DENSITY (AIR = 1):** | Not available |
| **RELATIVE DENSITY:** | Not available. |
| **SOLUBILITY IN WATER:** | Complete |
| **AUTO-IGNITION TEMPERATURE:** | Not available |
| **DECOMPOSITION TEMPERATURE:** | Not available |
| **SPECIFIC GRAVITY (H2O = 1):** | 1.0 |
| **VISCOSITY:** | Not available |
| **OTHER INFORMATION:** | |
| **DENSITY:** | 8.38 lbs/gal @ 25°C |

## SECTION 10: STABILITY AND REACTIVITY

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|---|---|
| **Reactivity** | Under normal conditions of storage and use, hazardous reactions will not occur. |
| **Chemical Stability** | Stable under normal conditions. |
| **Incompatible Materials** | Acids and strong oxidizers |
| **Conditions to Avoid** | High temperatures |
| **Hazardous Decomposition Products** | CO, CO2 |

## SECTION 11: TOXICOLOGICAL INFORMATION

**Primary Route of Entry:** Skin and eye contact, inhalation
**Acute/Potential Health Effects:**
EYES: Cause eye irritation. Symptoms include stinging, tearing and redness.
SKIN: May cause skin irritation.
INHALATION: High vapor concentrations may be irritating to respiratory tract.
INGESTION: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.
Chronic / Long Term Effects: None known.

**Target Organ Effects:** None known.
**Reproductive/Developmental Information:** No data.
**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.
**Acute Toxicity Values:** Not available.

## SECTION 12: ECOLOGICAL INFORMATION

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

## SECTION 14: TRANSPORT INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)**

**CONTAINER SIZES(S):** BULK, GALLONS
**PROPER SHIPPING NAME:** DEODORANTS OR DISINFECTANTS
**HAZARD CLASS:** N/A
**ID NUMBER**: N/A
**PACKING GROUP:** N/A
**LABEL STATEMENT:** None

## SECTION 15: REGULATORY INFORMATION

**Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)**
**Diethylene Glycol Butyl Ether**

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.
If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.
**Title III Section 311/312** Hazardous Categories - 40 CFR 370.2:
ACUTE (X) Chronic ( ) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )
**T.S.C.A. Status:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)
None
**FIFRA information**
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
Signal word: CAUTION. Hazard statement: Causes moderate eye irritation.

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:**

| | |
|---|---|
| **Health =** | **1** |
| **Flammability =** | **0** |
| **Reactivity =** | **0** |
| **Other =** | **-** |
| **Protection =** | **B** |

**DISCLAIMER: While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.**