



# SAFETY DATA SHEET

Product: MARC 301 HI-TIDE R-T-U DISINFECTANT

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 301 HI-TIDE R-T-U DISINFECTANT**

SDS DATE: 01/11/2019

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

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% by Weight</u>
Diethylene Glycol Butyl Ether	112-34-5	>=5% <=10%
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	>=1% <=5%

Specific chemical identity and /or percentage of composition has been withheld as a trade secret.

## SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical.

**SKIN:** Wash with plenty of soap and water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** May be harmful if swallowed. Get immediate medical attention.

**INHALATION:** Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

## SECTION 5: FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use water spray, fog or foam.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Containers may build pressure and rupture.

**SPECIAL 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:** Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide.



# SAFETY DATA SHEET

Product: MARC 301 HI-TIDE R-T-U DISINFECTANT

Form R04132

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** For personal protection, see Section 8 of the SDS.

**ENVIRONMENTAL PRECAUTIONS AND CLEANUP 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

**CONDITIONS FOR SAFE HANDLING/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.

**OTHER PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**DIETHYLENE GLYCOL BUTYL ETHER:**      **ACGIH TLV**      35 ppm  
**OSHA PEL**      35 ppm

**ENGINEERING CONTROLS/VENTILATION :** Good general ventilation required.

**RESPIRATORY PROTECTION:** When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

**EYE/FACE PROTECTION:** Wear safety glasses with side shields (or goggles).

**SKIN PROTECTION/PROTECTIVE GLOVES:** To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE-</b>	
<b>PHYSICAL STATE:</b>	Clear, Liquid
<b>COLOR:</b>	None
<b>ODOR:</b>	Pleasant
<b>ODOR THRESHOLD:</b>	Not available.
<b>pH:</b>	12 – 12.5
<b>MELTING /FREEZING POINT :</b>	Not available.
<b>BOILING POINT:</b>	Not available.
<b>FLASH POINT/METHOD USED:</b>	None
<b>EVAPORATION RATE: (Butyl Acetate=1):</b>	Not available.
<b>FLAMMABILITY (solid, gas):</b>	Not available.
<b>EXPLOSIVE LIMITS RANGES:</b>	Not available.
<b>EXPLOSIVE PROPERTIES:</b>	Not available.
<b>OXIDIZING PROPERTIES:</b>	Not available.
<b>VAPOR PRESSURE (mmHg):</b>	Not available.
<b>VAPOR DENSITY (AIR = 1):</b>	Not available.
<b>RELATIVE DENSITY:</b>	1.0
<b>SOLUBILITY IN WATER:</b>	Complete
<b>AUTO-IGNITION TEMPERATURE:</b>	Not available
<b>DECOMPOSITION TEMPERATURE:</b>	Not available
<b>PARTITION COEFF:</b>	Not available.
<b>SPECIFIC GRAVITY (H2O = 1):</b>	Not available.
<b>VISCOSITY:</b>	Not available.
<b>OTHER INFORMATION:</b>	VOC content (wt. %): 0



# SAFETY DATA SHEET

Product: MARC 301 HI-TIDE R-T-U DISINFECTANT

Form R04132

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** Under normal conditions of storage and use, hazardous reactions will not occur.

**CHEMICAL STABILITY:** Material is stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid high temperatures.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Acids and strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CO, CO<sub>2</sub>.

**HAZARDOUS POLYMERIZATION:** No                    **CONDITIONS TO AVOID (POLYMERIZATION):** NA

## SECTION 11: TOXICOLOGICAL INFORMATION

**PRIMARY ROUTE OF ENTRY:** Skin and eye contact, inhalation.

### ACUTE/POTENTIAL HEALTH EFFECTS:

**EYES:** Causes eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** May cause skin irritation.

**INGESTION:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

**INHALATION:** High vapor concentrations may be irritating to respiratory tract.

**CHRONIC/LONG TERM EFFECTS:** None known.

**TARGET ORGAN EFFECTS:** None known.

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data.

**CARCINOGENICITY:** This is not listed as a carcinogen by IARC, ACGIH, NTP or OSHA.

**ACUTE TOXICITY VALUES:** Not available.

## SECTION 12: ECOLOGICAL INFORMATION

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**DISPOSAL INSTRUCTIONS:** 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):** ALL  
**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

**U.S. FEDERAL REGULATIONS:**



# SAFETY DATA SHEET

Product: MARC 301 HI-TIDE R-T-U DISINFECTANT

Form R04132

## 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 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

**REVISION DATE:** 01/11/2019

**DISCLAIMER:** The manufacturer believes that the information contained in the Safety Data sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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.