



# SAFETY DATA SHEET

Product: MARC 316 POWERHOUSE FOAMING GERMICIDAL CLEANER  
Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 316 POWERHOUSE FOAMING GERMICIDAL CLEANER**

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: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Disinfectant Cleaner.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Classification of this mixture in accordance with paragraph (d) of §1910.1200.  
Eye Damage/Irritation – Category 2A.



CLASSIFICATION: Causes serious eye damage/eye irritation. Skin irritant.

SIGNAL WORD AND PRECAUTIONARY STATEMENTS-- **WARNING:** Causes serious eye damage. Wash hands, face and any skin contact thoroughly after handling. Wear eye protection/face protection. 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.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>WT. %</u>
2-(2-Butoxyethoxy) ethanol	112-34-5	2.1%
Tetrasodium EDTA)	64-02-8	1.6%
<b>Other ingredients (&gt;1%):</b>		
Water	7732-18-5	>90%

Specific percentages may be claimed as a trade secret.

## SECTION 4: FIRST AID MEASURES

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. If eye irritation persists, get medical advice/attention.

**SKIN:** Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. If skin irritation occurs, get medical advice/attention.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. **DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY THE POISON CONTROL CENTER OR DOCTOR.** Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage.

**INHALATION:** Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

### **MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**

Burning or irritation of affected areas. May cause minor skin irritation. Causes serious eye irritation. Have the product container or label with you when call a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN:** Treat exposed patients symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Not applicable. Product is not a fire hazard.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use High pressure water jet.



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## SPECIAL FIRE FIGHTING PROCEDURES/ PROTECTIVE EQUIPMENT:

Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### EMERGENCY PROCEDURES/ PROTECTIVE EQUIPMENT:

Depending on the extent of release, consider the need for restriction of access to spill area. For personal protection, see Section 8 of the SDS.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Small Spills may be wiped up and rinsed with water. For larger spills: contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Follow good industrial hygiene practices.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spills from entering storm sewers/drains or contact with soil.

## SECTION 7: HANDLING AND STORAGE

### GENERAL HANDLING:

Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

**DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, OR DISPOSAL.**  
**PESTICIDE STORAGE:** Store in original tightly closed container in a cool (10° - 30°C), dry area, inaccessible to children.

### INCOMPATIBILITY:

Anionic detergents.

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

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**COMPONENTS WITH OCCUPATIONAL EXPOSURE LIMITS:** None.

### ENGINEERING CONTROLS/ VENTILATION :

Proper ventilation in accordance with good industrial hygiene should be provided.

### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** Respiratory protection is not necessary under normal conditions of use.

**EYE/FACE PROTECTION:** Chemical resistant goggles or face protection.

**GLOVES:** Water impervious gloves (latex or neoprene rubber) recommended for continuous use.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Protective clothing (long sleeves, pants), eye wash, safety shower are always advisable when working with chemicals.

**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE- PHYSICAL STATE: COLOR: ODOR:

Liquid  
Clear, light amber.  
Citrus Floral



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<b>ODOR THRESHOLD:</b>	Not data available.
<b>pH:</b>	10.0 -11.9
<b>FREEZING POINT RANGE:</b>	>32°F
<b>BOILING POINT:</b>	212°F
<b>FLASH POINT/METHOD USED:</b>	None
<b>EVAPORATION RATE: (Butyl Acetate=1):</b>	Similar to water.
<b>FLAMMABILITY (solid, gas):</b>	Not applicable.
<b>FLAMMABILITY LIMITS:</b>	Not applicable.
<b>VAPOR PRESSURE (mmHg):</b>	No data available.
<b>VAPOR DENSITY (AIR = 1):</b>	No data available.
<b>RELATIVE DENSITY:</b>	1.010
<b>SOLUBILITY IN WATER:</b>	Complete
<b>PARTITION COEFFICIENT:</b>	Not applicable.
<b>AUTO-IGNITION TEMPERATURE:</b>	Not applicable.
<b>DECOMPOSITION TEMPERATURE:</b>	No data available
<b>SPECIFIC GRAVITY (H2O = 1):</b>	1.01
<b>VISCOSITY:</b>	High
<b>% VOC:</b>	<1 (Excluding exempt material)

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.

**CHEMICAL STABILITY:** This product is stable at ambient temperatures and pressures.

**CONDITIONS TO AVOID:** Avoid temperatures above 50°C and below 10°C.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Oxidizers, anionic detergents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.

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

## SECTION 11: TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

<u>TEST</u>	<u>RESULTS</u>	<u>CLASSIFICATION (A.0.4.1 (c))</u>	<u>BASIS (A. 1.3.6.1)</u>
ORAL	>2000mg/kg	Not applicable	Ingredient literature (Additive formula)
DERMAL	>2000mg/kg	Not applicable	Ingredient literature (Additive formula)
INHALATION	>20mg/L	Not applicable	Ingredient literature (Additive formula)
EYE DAMAGE/IRRITATION	Irritation	Category 2A	Ingredient literature
SKIN DAMAGE/IRRITATION	Not applicable	Not applicable	Ingredient literature

**SUMMARY:** Skin and eye contact are most likely routes of exposure. Exposure causes moderate eye irritation.

### SUBCHRONIC/CHRONIC TOXICITY:

<u>TEST</u>	<u>RESULTS</u>	<u>CLASSIFICATION</u>	<u>BASIS</u>
SKIN SENSITIZATION:	Not a sensitizer	Not applicable	Ingredient literature

**SUMMARY:** Repeated or prolonged contact causes eye irritation.

**EYES:** Causes serious eye irritation.

**SKIN:** May cause minor skin irritation.

**CARCINOGENICITY:** Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA.

**OTHER DATA:** No other toxicological information is available for this mixture.

## SECTION 12: ECOLOGICAL INFORMATION

This material has not been tested for acute environmental effects.

**Persistence and degradability:** Material is not persistent. Organic components >1% are readily biodegradable.



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**Bioaccumulative potential:** No evidence to suggest bio-accumulation will occur. .  
**Mobility in soil:** Accidental spillage may lead to penetration of soil and groundwater.

## SECTION 13: DISPOSAL CONSIDERATIONS

**DISPOSAL INSTRUCTIONS:** Do not contaminate water, food or feed by disposal. 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 the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke. If container is one (1) gallon or less, wrap empty container in plastic bag and discard in trash.

## SECTION 14: TRANSPORT INFORMATION

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

**CONTAINER SIZE(S):** QUARTS  
**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

**INVENTORY STATUS:** All components are listed on TSCA (US), EINECS/ELINCS (EU), DSL (Canada), AICS (Australia), ENCS (Japan).

**FIFRA:** This product is a U.S. EPA Reg. No. 8155-5, 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 products. The hazard information required on the pesticide label is reproduced here.

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through the skin and/or if inhaled. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. The pesticide label also includes other important information, including directions for use.

**OSHA Hazard Communication Standard:** This product meets the §1910.1200 DEFINITION OF A "Hazardous Chemical".

### **SUPERFUND AMENDMENTS AND REAUTHORIZATION Act of 1986 Title III (EPCRA) Sections 311 and 312.**

<b>Immediate (Acute) Health Hazard</b>	Yes
<b>Delayed (Chronic) Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### **SUPERFUND AMENDMENTS AND REAUTHORIZATION Act of 1986 Title III (EPCRA) Sections 313.**

\*Chemicals marked with an asterisk in "**3. Composition/Information on Ingredients**" are subject to reporting requirements for Section 313 of Title III of the superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

#### **Pennsylvania/Massachusetts Right to Know**

See "**3. Composition/Information on Ingredients**" for hazardous and top five ingredients over 1% (w/w).

**California Proposition 65:** This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components are listed.

**CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4):** N/A

**US. OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050):** N/A

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:** Health = 1, Flammability = 0, Reactivity = 0, Other = -, Protection = -.

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

**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.