



# SAFETY DATA SHEET

Product: MARC 349 D. T. DISINFECTANT TOWELS

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 349 DT DISINFECTANT TOWELS

SDS DATE: 12/30/13

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:** Ideal for cleaning, disinfecting and sanitizing hard, non-porous inanimate surfaces such as, hospital beds, MRI scanners, CAT scanners, wheelchairs, grocery carts & handles, etc.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Eyes, Skin (irritant). May cause moderate to severe eye and skin irritation. May be absorbed through skin.

**SIGNAL WORD AND PRECAUTIONARY STATEMENTS:** CAUTION: KEEP OUT OF REACH OF CHILDREN!  
DO NOT USE AS A BABY WIPE!

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TLV</u>
Decyldimethyloctylammonium chloride	32426-11-2	N/E
Dimethyldioctylammonium chloride	5538-94-3	N/E
Didecyldimethylammonium chloride	7173-51-5	N/E
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	N/E

## SECTION 4: FIRST AID MEASURES

**EYES:** Rinse immediately with plenty of water and seek medical advice. Call a physician immediately.

**SKIN:** Wash immediately with plenty of soap and water. Consult a physician.

**INGESTION:** Call physician immediately. Clean mouth with water and drink plenty of water. **DO NOT INDUCE VOMITING** without medical advice. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration. If breathing is difficult, give oxygen. Call a Poison Control Center or doctor for further treatment advice. Have a product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray, dry powder, foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce irritating gases and vapors.



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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:** Ventilate area and remove all sources of ignition. Scoop up material and place in a properly marked closed container for proper disposal.

**PROTECTIVE EQUIPMENT:** Use personal protective devices as stated in Section 8.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Same as EMERGENCY PROCEDURES.

## SECTION 7: HANDLING AND STORAGE

**GENERAL HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN!! DO NOT USES AS A BABY WIPE!!** Follow label directions exactly.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TLV</u>
Decyldimethyloctylammonium chloride	32426-11-2	N/E
Dimethyldioctylammonium chloride	5538-94-3	N/E
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Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	N/E

**ENGINEERING CONTROLS:** N/A

**MECHANICAL:** Not required.

**OTHER:** **LOCAL:** Recommended

**VENTILATION:** Good general ventilation required.

**RESPIRATORY PROTECTION:** Use with adequate ventilation.

**EYE PROTECTION:** Wear safety glasses with side shields.

**SKIN PROTECTION/PROTECTIVE GLOVES:** Handle in accordance with good industrial hygiene and safety practice.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK HYGIENIC PRACTICES:** Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Follow good chemical hygiene practices.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE-**  
**PHYSICAL STATE/COLOR:** White towel impregnated with a clear liquid.  
**ODOR:** Lemon fragrance.  
**pH:** 10.5 – 12.0  
**SOLUBILITY IN WATER:** Soluble\*  
**SPECIFIC GRAVITY:** 1.0\*  
**MELTING POINT:** N/A  
**FREEZING POINT:** N/A  
**BOILING POINT:** N/D  
**FLASH POINT/METHOD USED:** None to boiling  
**EVAPORATION RATE:** N/D  
**FLAMMABILITY LIMITS IN AIR:** **UPPER:** N/D      **LOWER:** N/D  
**VAPOR PRESSURE (mmHg):** N/D  
**VAPOR DENSITY (AIR = 1):** N/D  
**PARTITION COEFFICIENT,  
n-OCTANOL/WATER:** N/A  
**AUTO-IGNITION TEMPERATURE:** N/A  
**DECOMPOSITION TEMPERATURE:** N/A  
**VISCOSITY:** N/A

\* Tested using the liquid component of the towelette.

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** None  
**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Excess heat and open flame.  
**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizers.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Thermal decomposition may produce irritating gases and vapors.  
**HAZARDOUS POLYMERIZATION:** No      **CONDITIONS TO AVOID (POLYMERIZATION):** N/A

## SECTION 11: TOXICOLOGICAL INFORMATION

**EMERGENCY OVERVIEW: WARNING: Flammable.** Keep away from heat and flame. May cause moderate to severe eye and skin irritation. May be absorbed through skin.  
**ROUTES OF ENTRY:** Eye contact, skin contact/absorption, inhalation.  
**EYES:** Causes eye irritation.  
**SKIN:** Causes skin irritation.  
**INGESTION:** May be harmful or fatal if swallowed.  
**INHALATION:** May cause mild irritation to the upper respiratory tract.  
**ACUTE HEALTH HAZARDS:** N/D  
**CHRONIC HEALTH HAZARDS:** N/D  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/D  
**CARCINOGENICITY:** This material is not listed as a carcinogen by IARC, NTP or OSHA.



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TOXICITY TO ANIMALS: N/D

## SECTION 12: ECOLOGICAL INFORMATION

TOXICITY: No Data.

DEGRADABILITY: No Data.

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Consult local, State and Federal environmental authorities.

## SECTION 14: TRANSPORT INFORMATION

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

CONTAINER SIZES(S):	SPECIAL
PROPER SHIPPING NAME:	TOWELS OR CLEANSING CLOTHS
HAZARD CLASS:	N/A
ID NUMBER:	N/A
PACKING GROUP:	N/A
LABEL STATEMENT:	NONE

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

302: CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

## SECTION 16: OTHER INFORMATION

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

REVISION DATE: 12/30/13

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.