



## 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: 11/19/18

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:** Premoistened wipe. 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:** Skin sensitizer category 1.

**SIGNAL WORD AND HAZARD AND PRECAUTIONARY STATEMENTS:** **WARNING.** May cause an allergic skin reaction. Avoid breathing mist or spray. Contaminated clothing must not be allowed out of the workplace. Wear eye protection, protective clothing and protective gloves. If on skin: Wash with plenty of soap and water. Specific treatment: See First Aid measures. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. Dispose of contents and containers to comply with local, regional and national regulations.

**POTENTIAL HEALTH EFFECTS:** See Section 11 for more information.**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>WT %</u>
(+)-limonene	589-27-5	0.1-1%

Specific chemical identity and/or percentage have been withheld as a trade secret.

**SECTION 4: FIRST AID MEASURES**

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

**SKIN:** Wash immediately with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**INGESTION:** Rinse mouth with water. **DO NOT INDUCE VOMITING!** Get medical advice/attention. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove person to fresh air. If you feel unwell, seek medical advice. (Show the label where possible).

**MOST IMPORTANT SYMPTOMS AND EFFECTS,**

**BOTH ACUTE AND DELAYED:** Not expected to present a significant hazard under anticipated conditions of normal use. If you feel unwell, get medical attention.

**INHALATION:** None under normal use. **SKIN:** Causes skin irritation. **EYE:** Causes eye irritation. **INGESTION:** Gastrointestinal complaints.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION**

**AND SPECIAL TREATMENT NEEDED:** No additional information available.

**SECTION 5: FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** No additional information available.



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**SPECIAL FIRE FIGHTING PROCEDURES/  
PROTECTION:**

Do not enter fire area without proper protective equipment, including respiratory protection. (See Section 8 Exposure Controls/Personal Protection.) Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No additional information available.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**EMERGENCY PROCEDURES:** Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area. Stop leak if safe to do so. Stop release. Ventilate area. Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, as per local legislation.

**PROTECTIVE EQUIPMENT:** Use personal protective equipment as required. Protective goggles. Gloves. Protective clothing.

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

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent entry to sewers and public waters.

**SECTION 7: HANDLING AND STORAGE**

**GENERAL HANDLING AND STORAGE:** Store in a cool place. Keep container tightly closed when not in use. Wash thoroughly after handling. Remove contaminated clothes. Wash contaminated clothing before reuse.

**OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN!!** Follow label directions exactly.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS/  
VENTILATION:** Ventilate area. Use appropriate personal protective equipment when risk assessment indicates this is necessary.

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

**EYE PROTECTION:** Wear safety glasses.

**SKIN PROTECTION/PROTECTIVE GLOVES:** Gloves.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Protective clothing.

**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.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE-  
PHYSICAL STATE/COLOR:** Solid, premoistened wipe.  
**ODOR:** Lemon-like.  
**ODOR THRESHOLD:** No data available.  
**pH:** 10.5 – 12 – Tested using the liquid component of the towelette.  
**SOLUBILITY IN WATER:** Liquid component is soluble in water  
**SPECIFIC GRAVITY:** 1 g/ml - Tested using the liquid component of the towelette.  
**MELTING/FREEZING POINT:** No data available.  
**BOILING POINT:** No data available.  
**FLASH POINT/METHOD USED:** >200.01°F Closed Cup – Tested using the liquid component of the towelette.  
**EVAPORATION RATE:** No data available.

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<b>FLAMMABILITY (SOLID, GAS):</b>	No data available.
<b>EXPLOSION LIMITS:</b>	No data available.
<b>EXPLOSIVE PROPERTIES:</b>	No data available.
<b>OXIDIZING PROPERTIES:</b>	No data available.
<b>VAPOR PRESSURE (mmHg):</b>	No data available.
<b>RELATIVE DENSITY:</b>	No data available.
<b>RELATIVE VAPOR DENSITY AT 20°C:</b>	No data available.
<b>LOG POW:</b>	No data available.
<b>LOG POW:</b>	No data available.
<b>AUTO-IGNITION TEMPERATURE:</b>	No data available.
<b>DECOMPOSITION TEMPERATURE:</b>	No data available.
<b>PARTITION COEFFICIENT, n-OCTANOL/WATER:</b>	No data available.
<b>VISCOSITY:</b>	No data available.
<b>VISCOSITY, KINEMATIC:</b>	No data available.
<b>VISCOSITY, DYNAMIC:</b>	No data available.
<b>VOC CONTENT:</b>	<1 - Tested using the liquid component of the towelette

**SECTION 10: STABILITY AND REACTIVITY****REACTIVITY:** No additional information available.**STABILITY:** No additional information available.**CONDITIONS TO AVOID:** No additional information available.**INCOMPATIBILITY (MATERIAL TO AVOID):** No additional information available.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.**HAZARDOUS POLYMERIZATION:** No      **CONDITIONS TO AVOID (POLYMERIZATION):** N/A**SECTION 11: TOXICOLOGICAL INFORMATION****(+)-limonene:** LD50 oral rat: <2000 mg/kg; LD50 dermal rabbit: >5000 mg/kg; ATE CLP (oral): 4400 mg/kg body weight.**SERIOUS EYE DAMAGE/IRRITATION:** Not classified.  
pH: 10.5 – 12 – Tested using the liquid component of the towelette**RESPIRATION OR SKIN SENSITIZATION:** May cause allergic skin reaction.**GERM CELL MUTAGENICITY:** Not classified.**CARDINOGENICITY:** Not classified.**REPRODUCTIVE TOXICITY:** Not classified.**SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):** Not classified.**SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):** Not classified.**ASPIRATION HAZARD:** Not classified.**SYMPTOMS/INJURIES AFTER INHALATION:** None under normal use.**SYMPTOMS/INJURIES AFTER SKIN CONTACT:** May cause allergic skin reaction.**SYMPTOMS/INJURIES AFTER EYE CONTACT:** Causes eye irritation.**SYMPTOMS/INJURIES AFTER INGESTION:** Gastrointestinal complaints.



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**SECTION 12: ECOLOGICAL INFORMATION**

(+)-limonene: LC50 Fish: 720 ug/l – Pimephales promelas; EC50 Daphnia: 0.36 mg/l  
Readily biodegradable in water.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Do not flush wipes. Dispose of in a safe manner in accordance with local/national regulations.

**SECTION 14: TRANSPORT INFORMATION**

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

**IN ACCORDANCE WITH DOT:** Not regulated for transport.

**CONTAINER SIZE(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):** All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic substances Control Act (TSCA) inventory.

**311/312 HAZARD CATEGORIES:** N/A

**313 REPORTABLE INGREDIENTS:** This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**SECTION 16: OTHER INFORMATION**

**HMIS/NFPA Ratings:** Health = 1  
Flammability = 1  
Reactivity = 0

**REVISION DATE:** 11/19/2018

**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.