



# SAFETY DATA SHEET

Product: MARC 107 ROOM SERVICE TOTAL RELEASE  
HOSPITAL DISINFECTANT & DEODORANT  
Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 107 ROOM SERVICE

SDS DATE: 7/30/13

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:** An excellent broad-spectrum disinfectant, antimicrobial agent and two-way deodorizer. Use in medical facilities including hospitals, ambulances, nursing home, medical & dental offices. May also be used in industrial, institutional and commercial areas.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Extremely Flammable! Aerosol under pressure. Do not expose to high temperatures above 120°F or store in direct sunlight as this may develop pressure and cause can to burst. Keep away from heat, sparks or open flame.

**CLASSIFICATION:** **Eyes:** causes substantial but temporary eye injury. **Skin:** May cause irritation with prolonged or repeated contact.

**SIGNAL WORD AND PRECAUTIONARY STATEMENTS:** **WARNING:** Contents under pressure. **EXTREMELY FLAMMABLE.** Do not puncture or incinerate container.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TWA</u>
Propane/N-Butane	68476-85-7	1000 ppm
2-Phenyl Phenol	90-43-7	N/A
Ethyl Alcohol	64-17-5	1000 ppm

## SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for 15 minutes while holding eyelids open. Seek immediate medical attention.

**SKIN:** Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops and persists.

**INGESTION:** Induce vomiting under the direction of a physician. Seek immediate medical attention.

**INHALATION:** Move person to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None



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## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, standard chemical fire extinguisher, and water fog.

**PROTECTION OF FIREFIGHTERS:** Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable! Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Contains flammable propellant.

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** See PROTECTION OF FIREFIGHTERS above and Section 8.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:** See Methods & Cleanup.

**PROTECTIVE EQUIPMENT:** See Section 8.

**METHODS FOR CONTAINMENT & CLEANUP:** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. . If damaged or leaking, soak up and wrap any waste, then dispose of as stated in Section 13 Disposal Considerations. Do not puncture or incinerate!

**ENVIRONMENTAL PRECAUTIONS:** Do not allow to drain into sewers or storm drains.

**OTHER INFORMATION:** Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal.

## SECTION 7: HANDLING AND STORAGE

**GENERAL HANDLING:** Keep in cool, dry, locked area. Use as directed. Do not remove cap until ready to insert in dispenser. Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Do not use if spray button is missing or defective. Do not get this material in contact with eyes. Avoid contact with skin.

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

**STORAGE:** The pressure in sealed containers can increase under the influence of heat. Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place at temperatures below 120°F.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TLV</u>
Propane/N-Butane	68476-85-7	1000 ppm
2-Phenyl Phenol	90-43-7	N/A
Ethyl Alcohol	64-17-5	1000 ppm

**ENGINEERING CONTROLS:**

**VENTILATION:** General ventilation and local exhaust should be adequate.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.



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**EYE/FACE PROTECTION:** Safety glasses are always recommended when using chemicals.  
**SKIN PROTECTION/PROTECTIVE GLOVES:** Impervious gloves such as neoprene or solvex can be used.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required.  
**WORK HYGIENIC PRACTICES:** Wash hands and clothing in contact with product after use. Always practice good housekeeping and hygienic measures.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE-**  
**PHYSICAL STATE:** Liquid  
**COLOR:** Clear  
**ODOR:** Citrus-Orange  
**ODOR THRESHOLD:** N/A  
**pH:** N/A  
**FREEZING POINT:** Not Tested  
**BOILING POINT:** 170°F  
**FLASH POINT/METHOD USED:** Not Tested  
**EVAPORATION RATE:** Not Determined  
**FLAMMABILITY LIMITS IN AIR:** **UPPER:** N/A **LOWER:** N/A  
**VAPOR PRESSURE (mmHg):** 44 @ 77°F (25°C)  
**VAPOR DENSITY (AIR = 1):** >1 @ 77°F (25°C)  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.88 @ 77°F (25°C)  
**SOLUBILITY IN WATER:** 100%  
**PARTITION COEFFICIENT,**  
**n-OCTANOL/WATER:** N/D  
**AUTO-IGNITION TEMPERATURE:** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** None  
**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures above 120°F may cause bursting.  
**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of carbon.  
**HAZARDOUS POLYMERIZATION:** Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** NA

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYES:** Causes severe irritation, redness, tearing.  
**SKIN:** Brief contact is not irritating. May cause irritation with prolonged or repeated contact.  
**INGESTION:** May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested.  
**INHALATION:** Causes irritation to the respiratory tract.  
**CHRONIC HEALTH HAZARDS:** None known.  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.



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CARCINOGENICITY: None.

TOXICITY TO ANIMALS: Not applicable.

## SECTION 12: ECOLOGICAL INFORMATION

TOXICITY: N/A

DEGRADABILITY: N/A

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE CODES: N/A

**WASTE DISPOSAL METHOD:** Do not puncture or incinerate! If empty, place in trash or offer for recycling if available. If partly filled, call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Dispose of in accordance with local, state and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

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

**CONTAINER SIZES(S):** Aerosol Can (6 oz.)  
**PROPER SHIPPING NAME:** Deodorant, N.O.S.  
**HAZARD CLASS:** ORM-D or LIMITED QUANTITY  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENT:** N/A

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Fire hazard

**311/312 HAZARD CATEGORIES:** Ethyl Alcohol – 64-17-5 – acute, chronic, flammable.

**313 REPORTABLE INGREDIENTS:** Ethyl Alcohol – 64-17-5 – acute, chronic, flammable.

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:** Health = 1  
Flammability = 3  
Reactivity = 1  
Other = N/A  
Protection = A

**REVISION DATE:** 7/30/13

**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.