



SAFETY DATA SHEET

Product: MARC 174 MOUNTAIN RAIN METERED ROOM DEODORIZER
Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 174 MOUNTAIN RAIN METERED DEODORIZER

SDS DATE: 5/15/15

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: Aerosol Dry-Type Air Deodorizer. Use for freshening bath and washrooms, showers and garbage receptacle areas, in hotels, restaurants and more.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Keep away from sources of ignition – No smoking! Take precautionary measures against static discharges.

CLASSIFICATION: May be mild Irritant (eye) (skin).

APPEARANCE/ODOR: Liquid under pressurized gas in steel can.

CLASSIFIED AS HAZARDOUS BY THE CRITERIA OF NOHSC.



SIGNAL WORD AND PRECAUTIONARY STATEMENTS: **WARNING/DANGER:** Extremely flammable! Contains flammable liquids and pressurized gas. May cause eye and skin irritation. Contents under pressure. Container may explode if heated.

POTENTIAL HEALTH EFFECTS: May be a mild irritant. See Section 11 for more information.

LIKELY ROUTES OF EXPOSURE: Skin, eyes.

CHRONIC EFFECTS: Prolonged or repeated contact may dry skin and cause irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Allergies to fragrances.

TARGET ORGANS: None known.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

POTENTIAL ENVIRONMENTAL EFFECTS: None known. (See section 12 for more information.)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT.</u>	<u>TLV</u>	<u>WHMIS Controlled</u>
2-Propanone	67-64-1	40-70	500 ppm	Y
Butane	106-97-8	7 - 13	1000 ppm	Y
Proprietary Fragrance Blend				
Propane	74-98-6	15-40	1000 ppm	Y
2 (2 Ethoxy) ethanol	111-90-0	N/A		Y



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SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If easy to do, remove contact lenses, if worn. Get medical attention if irritation persists.

SKIN: Wash with soap and water. If irritation persists, consult a physician.

INGESTION: Give water or milk to drink if conscious.

INHALATION: Remove to fresh air. If not breathing administer artificial respiration. If breathing is difficult give oxygen. Seek medical attention.

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

GENERAL ADVICE: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical. Water spray may be used to cool cans to reduce risk of bursting. **HAZCHEM CODE 3 [Y].**

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIAL FIRE FIGHTING PROCEDURES: Containers may explode when heated. Keep away from sources of ignition. Take precautionary measures against static discharges.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure and may rupture or burst if exposed to high temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Keep away from heat, sparks, open flames or sources of ignition – No smoking! Take precautionary measures against static discharges. Risk of explosion if heated under confinement.

PERSONAL PRECAUTIONS: Use personal protection recommended in Section 8. Keep away from skin and eyes.

METHODS AND MATERIALS FOR CONTAINMENT: Not applicable: if cans rupture or are punctured, contents will rapidly evaporate.

METHODS FOR CLEAN-UP: Gather up scattered cans after any breached cans have finished discharging. Absorb discharge on sand, clay or other suitable material. Pressurized container: Do not pierce or burn, even after use.

ENVIRONMENTAL PRECAUTIONS: Keep spray or punctured cans out of surface water. (See Section 12 for more information.)

OTHER INFORMATION : Do not puncture or incinerate cans. **HAZCHEM CODE 3 [Y].**

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING: Use as directed. Do not remove cap until ready to insert in dispenser. Avoid puncturing cans.

OTHER PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!**
Take precautionary measures against static discharges.

STORAGE: Store in original containers away from heat.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<u>INGREDIENT</u>	<u>TWA</u>	<u>LD-50</u>
2-Propanone	TLV 500 ppm	5800 mg/kg
Butane	TLV 1000 ppm	Simple asphyxiant
Proprietary Fragrance Blend		
Propane	TLV 1000 ppm	Simple asphyxiant
2 (2 Ethoxy) ethanol	None established	N/A

ENGINEERING CONTROLS: Normally not necessary.

MECHANICAL: N/A

OTHER: No Smoking or Open Flames

VENTILATION: N/A

RESPIRATORY PROTECTION: Not normally necessary.

HMIS: See Section 16.

EYE/FACE PROTECTION: Be careful not to spray in direction of face. Protective goggles recommended if handling large quantities.

SKIN PROTECTION/PROTECTIVE GLOVES: Avoid spraying on skin. Rubber or other protective gloves recommended if handling large quantities.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES/CONSIDERATIONS: Keep spray out of food and beverages. Handle according to established industrial hygiene and safety practices. Wash hands before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-	Clear
COLOR:	Colorless to pale yellow mist.
PHYSICAL STATE:	Liquid and compressed gas in steel can.
ODOR:	Fresh
pH:	Not applicable.
SOLUBILITY IN WATER:	2-Propane is soluble; Propane, Butane, fragrances are Insoluble.
SPECIFIC GRAVITY: (H₂O = 1)	Not applicable. Net contents 404 g in steel can with nominal capacity of 600 mL
FREEZING POINT:	Not determined.
BOILING POINT:	Not applicable.
FLASH POINT(METHOD USED:TCC)	Not applicable
EVAPORATION RATE:	Not determined.
FLAMMABILITY:	Contents very flammable. Product not a "Flammable Aerosol" as defined by IMO/ICAO.
FLAMMABILITY LIMITS:	UPPER: Not determined. LOWER: Not determined.
VAPOR PRESSURE (mmHg):	N/A
VAPOR DENSITY:	Not determined.
PARTITION COEFFICIENT, n-OCTANOL/WATER:	Not available.
AUTO-IGNITION TEMPERATURE:	Not determined.
DECOMPOSITION TEMPERATURE:	Not available.
VISCOSITY:	Not available.



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SECTION 10: STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY:

STABILITY: Stable.

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: Extremely improbable.

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID (POLYMERIZATION): N/A

POSSIBILITY OF HAZARDOUS REACTIONS: Extremely improbable.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Oral LD50: Not determined for mixture. Product is dispersed as a fine mist; ingestion is essentially impossible.
Liquid portion more than 4g/kg.

Dermal LD50: Product dispersed as fine mist. Significant skin contact essentially impossible.
Liquid portion more than 5g/kg.

EYES: Can irritate eyes if sprayed directly into eyes.

SKIN: Prolonged or repeated contact with spray can irritate or dry skin.

INGESTION: Unlikely due to form.

INHALATION: Weighted average more than 25 milligrams per Liter.

LIKELY ROUTES OF EXPOSURE: Skin, eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Allergies to fragrances.

Sensitization: None known

CHRONIC EFFECTS:

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None known
Persistence/Degradability: None known
Bioaccumulation/Accumulation: None known
Mobility in Environment: Not determined,

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INSTRUCTIONS: Do not puncture or incinerate cans. 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
PROPER SHIPPING NAME: DEODORANT OR DISINFECTANT
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: N/A
LABEL STATEMENT: LIMITED QUANTITY

SECTION 15: REGULATORY INFORMATION

FEDERAL REGULATIONS:

U.S. FEDERAL REGULATIONS: SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200).

TSCA (TOXIC SUBSTANCE CONTROL ACT): United States: Included

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

SARA 313 REPORTABLE INGREDIENTS: No SARA 313 substances present at reportable levels.

California Safe Drinking Water and Toxic Enforcement Act of 1986: (Proposition 65) No Proposition 65 substances present.

WHMIS: Canadian Workplace Hazardous Material Information System.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1
Flammability = 4
Reactivity = 0
Other = -
Protection = N

REVISION DATE: 5/15/15

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.