



SAFETY DATA SHEET

Product: MARC 172 POWDER SPICE METERED ROOM DEODORIZER
Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 172 POWDER SPICE METERED DEODORIZER

SDS DATE: 06/04/15

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).

HAZARD PHRASES: Flammable aerosol. Contains gas under pressure. May explode if heated. May cause drowsiness and dizziness.

APPEARANCE/ODOR: Colorless or pale yellow liquid in aerosol can.

NOT CLASSIFIED AS HAZARDOUS BY THE CRITERIA OF NOHSC.



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

PRECAUTIONARY PHRASES: Do not expose to temperatures exceeding 50°C/ 122°F. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Keep out of reach of children.

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

LIKELY ROUTES OF EXPOSURE: Skin, eyes.

EYES: May irritate. **SKIN:** Repeated exposure may dry. **INGESTION:** Unlikely due to form. **INHALATION:** May cause dizziness.

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 considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

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



SAFETY DATA SHEET

Product: MARC 172 POWDER SPICE METERED ROOM DEODORIZER
Form R04132

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT.</u>	<u>WHMIS Controlled</u>
2-Propanone	67-64-1	15 - 40	Y
Propane	74-98-6	15 - 40	Y
Trade Secret Fragrance Mixture	None	1 - 5	N
Butane	106-97-8	5 - 10	Y

Specific percentages may be claimed as a trade secret.

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: Not applicable due to form.

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: Water, fog, dry chemical, carbon dioxide

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIAL FIRE FIGHTING PROCEDURES: N/A

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: Gather up cans after any punctured cans have finished discharging. Absorb any discharged liquid with sand, clay or other suitable material.

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

METHODS AND MATERIALS FOR CONTAINMENT:

METHODS FOR CLEAN-UP/CONTAINMENT: Same as EMERGENCY PROCEDURES. Individual containers are low volume.

ENVIRONMENTAL PRECAUTIONS: No special measures. (See Section 12 for more information.)

OTHER INFORMATION : N/A



SAFETY DATA SHEET

Product: MARC 172 POWDER SPICE METERED ROOM DEODORIZER
Form R04132

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: Do not store above 120°F. Keep in closed, original containers in a well ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<u>COMPONENT</u>	<u>TWA</u>	<u>LD-50</u>
2-Propanone	500 ppm	5800 mg/kg
Propane	1000 ppm	Simple asphyxiant
Trade Secret Fragrance Mixture	None established	Not determined
Butane	1000 ppm	Simple asphyxiant

**ENGINEERING CONTROLS/
VENTILATION:** Normal ventilation.

MECHANICAL: N/A

RESPIRATORY PROTECTION: Not normally needed.

HMIS: See Section 16.

EYE/FACE PROTECTION: Not needed when can is installed in dispenser.

SKIN PROTECTION/PROTECTIVE GLOVES: Not needed when can is installed in dispenser.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES/CONSIDERATIONS: Handle according to established industrial hygiene and safety practices.
Wash hands before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-

COLOR: Dispersed as fine colorless to pale yellow mist.

PHYSICAL STATE: Liquid and compressed gas in aerosol can.

ODOR: Varies with specific product.

pH: Not applicable – non-aqueous.

SOLUBILITY IN WATER: Insoluble.

SPECIFIC GRAVITY: (H₂O = 1) Not applicable.

FREEZING POINT: Not determined.

BOILING POINT: Not applicable.

FLASH POINT(METHOD USED:TCC) Not applicable

EVAPORATION RATE: Not determined.

FLAMMABILITY: Contents very flammable.

FLAMMABILITY LIMITS: **UPPER:** Not determined. **LOWER:** Not determined.

VAPOR PRESSURE (mmHg): Greater than 760 torr (>100 kPa)

VAPOR DENSITY: Greater than air.

**PARTITION COEFFICIENT,
n-OCTANOL/WATER:** Not available.

AUTO-IGNITION TEMPERATURE: Not determined.

DECOMPOSITION TEMPERATURE: Not available.

VISCOSITY: Not available.

PERCENT VOLATILE: 95% including propellant (without taking our exempt VOC propellants).

<30% CARB VOC FOR AEROSOL



SAFETY DATA SHEET

Product: MARC 172 POWDER SPICE METERED ROOM DEODORIZER
Form R04132

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY:

STABILITY: Stable.

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Not applicable.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Not applicable.

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 in small quantities of a fine mist. Liquid portion weighted average more than 2500 mg/kg.

Dermal LD50: Not determined for mixture. Product is dispersed in small quantities of a fine mist. Liquid portion weighted average more than 2500 mg/kg.

EYES: Can irritate eyes if sprayed directly into eyes.

SKIN: Prolonged or repeated contact to expelled liquid may result in irritation.

INGESTION: Unlikely due to form.

INHALATION: Not determined for mixture. Dispersed in intermittent small metered quantities. Weighted average more than 6 milligrams per Liter.

Sensitization: None known

CHRONIC EFFECTS:

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None known

Persistence/Degradability: Biodegradable.

Bioaccumulation/Accumulation: Not significant.

Mobility in Environment: Not applicable due to mode of use.



SAFETY DATA SHEET

Product: MARC 172 POWDER SPICE METERED ROOM DEODORIZER
Form R04132

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 = B

REVISION DATE: 06/04/15

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.