



SAFETY DATA SHEET

Product: MARC 169 WHITE CLOVER METERED ROOM DEODORIZER
Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 169 WHITE CLOVER METERED ROOM DEODORIZER

SDS DATE: 4/22/13

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: 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

CLASSIFICATION: Mild irritant to eyes. Repeated exposure may dry skin.

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Specific percentages may be claimed as a trade secret.

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>TWA</u> |
|--------------------------------|----------------|------------------|
| Butane | 106-97-8 | 1000 ppm |
| 2-Propanone | 67-64-1 | 500 ppm |
| Propane | 74-98-6 | 1000 ppm |
| Trade Secret Fragrance Mixture | None | None Established |

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with plenty of clean water. Consult physician if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops and persists.

INGESTION: Not applicable due to form. If ingestion does occur, give water or milk to drink if conscious. Never give anything by mouth to an unconscious person. Get medical attention.

INHALATION: Remove person to fresh air. Apply artificial respiration if needed.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A



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SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Extremely flammable. Contains flammable liquids and pressurized gas.

EXTINGUISHING MEDIA:
SUITABLE EXTINGUISHING MEDIA: Use water, fog, dry chemical or carbon dioxide. Water spray may be used to cool cans to reduce risk of bursting.

PROTECTION OF FIREFIGHTERS:
UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol cans can rupture when heated. Oxides of carbon and nitrogen. Try to keep cans below 50°C - 120°F.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: See Section 8.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: See Methods & Cleanup.

PROTECTIVE EQUIPMENT: See Section 8.

METHODS FOR CONTAINMENT & CLEANUP: Individual containers are low volume. No special measures. Gather up cans after any punctured cans have finished discharging. Absorb any discharged liquid with sand, clay or other suitable material.

ENVIRONMENTAL PRECAUTIONS: Keep spray or punctured cans out of surface waters.

OTHER INFORMATION: None

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING: 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> |
|--------------------------------|----------------|-----------------|
| Butane | 106-97-8 | 1000 ppm |
| 2-Propanone | 67-64-1 | 500 ppm |
| Propane | 74-98-6 | 1000 ppm |
| Trade Secret Fragrance Mixture | None | Not Established |

ENGINEERING CONTROLS:

VENTILATION: Normal ventilation.

RESPIRATORY PROTECTION: Not normally needed.

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



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SKIN PROTECTION/PROTECTIVE GLOVES: Rubber or protective gloves recommended. Not needed when can is installed in dispenser.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.

WORK HYGIENIC PRACTICES: No special precautions. Keep spray out of food and beverages. Wash with soap and water before handling food. Always practice good housekeeping and hygienic measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-

| | |
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| PHYSICAL STATE: | Liquid and compressed gas in aerosol can. |
| COLOR: | Dispersed as fine colorless to pale yellow mist. |
| ODOR: | Varies with specific product. |
| ODOR THRESHOLD: | Not Determined |
| pH: | Not Applicable – non-aqueous |
| MELTING/FREEZING POINT: | Not Determined |
| BOILING POINT: | Not Applicable. |
| FLASH POINT/METHOD USED: | N/A |
| EVAPORATION RATE: | Not Determined |
| FLAMMABILITY (HOC): | Extremely flammable. Contains flammable liquids and pressurized gas. |
| FLAMMABILITY LIMITS: | Do not expose to heat or store at temperatures above 120°F. |
| VAPOR PRESSURE (mmHg): | Greater than 760 torr (>100 kPa) |
| VAPOR DENSITY (AIR = 1): | Greater than air. |
| SPECIFIC GRAVITY (H₂O = 1): | Not Applicable. |
| SOLUBILITY IN WATER: | Insoluble. |
| PARTITION COEFFICIENT, n-OCTANOL/WATER: | Not determined |
| 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.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** NA

SECTION 11: TOXICOLOGICAL INFORMATION

EYES: May irritate. Can irritate eyes if sprayed directly into eyes.

SKIN: Prolonged or repeated exposure may dry and/or irritate.

INGESTION: Unlikely due to form.

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

ACUTE HEALTH HAZARDS: See above.

Signs and Symptoms: Same as eyes, skin, ingestion and inhalation.



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CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Allergies to fragrances.

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. Follow local regulations.

SECTION 14: TRANSPORT INFORMATION

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

CONTAINER SIZES(S): Aerosol Can (7 oz.)
PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS: ORM-D
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): Not Applicable

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

313 REPORTABLE INGREDIENTS: No Sara 313 Listed substances present at reportable levels.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1
Flammability = 3
Reactivity = 0
Other = -
Protection = B

REVISION DATE: 4/22/13

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.