



SAFETY DATA SHEET

Product: **MARC 186 MULBERRY
METERED DEODORIZER**

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 186 MULBERRY METERED DEODORIZER

SDS DATE: 8/18/17

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: Air Freshener.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1, Liquefied Gas; Eye Irritant: Category 2A; Skin Irritant: Category 2; Specific Target Organ Toxicity (Single Exposure): Category 3; Skin Sensitization: Category 1

SIGNAL WORD AND PRECAUTIONARY STATEMENTS: DANGER: Extremely Flammable Aerosol. Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. May cause an allergic skin reaction. Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If on skin, wash with plenty of water. If skin irritation occurs, get medical advice or attention. Take off contaminated clothing and wash it before reuse. Contaminated work clothing must not be allowed out of the workplace. Avoid breathing fumes, mist, vapor and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Dispose of contents and container in accordance with local, state and federal regulations.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

HAZARDS NOT OTHERWISE CLASSIFIED: N/A



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>PERCENT</u> |
|-----------------------|----------------|----------------|
| Acetone | 67-64-1 | 40 – 80% |
| Propane/n-Butane | 68476-86-8 | 10 – 30% |
| Proprietary Fragrance | mixture | 1 – 5% |

SECTION 4: FIRST AID MEASURES

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

SKIN: Immediately wash skin with soap and water for 15 minutes. Seek medical attention if irritation persists.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

ACUTE HEALTH HAZARDS: Acute, Inhalation of vapors may be narcotic or anesthetic. Ingestion of liquid will cause gastrointestinal distress, irritation, and possibly nausea. Liquid or vapors may be irritating to skin and eyes.

CHRONIC HEALTH HAZARDS: May cause damage to the following organs: kidneys, liver, skin, CNS depression.

NOTES TO PHYSICIAN: There is no specific treatment regime. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.



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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

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: 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. Use water spray only to cool exposed containers. Shut off all sources of ignition.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on open flame or other ignition source.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: **SPILL:** Eliminate all sources of ignition. Clean up using a rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways.

PERSONAL PRECAUTIONS/ PROTECTIVE EQUIPMENT:

Use personal protection recommended in Section 8. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C/122°F.

METHODS AND MATERIALS FOR CONTAINMENT: Same as Emergency Procedures.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING/ STORAGE:

Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| HAZARDOUS INGREDIENT | OSHA PEL | ACGIH TLV |
|-----------------------|-----------------|-----------------|
| Acetone | 1000 ppm | 500 ppm |
| Propane/n-Butane | 1000 ppm | 1000 ppm |
| Proprietary Fragrance | Not Established | Not Established |

ENGINEERING CONTROLS/VENTILATION: Ambient ventilation adequate.

MECHANICAL: N/A

OTHER: No Smoking or Open Flames

RESPIRATORY PROTECTION: Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

EYE PROTECTION: Safety glasses.

SKIN PROTECTION/PROTECTIVE GLOVES: Wear suitable gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Firefighters wear full body protective clothing when fighting fires.



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WORK HYGIENIC PRACTICES: Handle according to established industrial hygiene and safety practices. Don't eat, drink or smoke in work area. Wash hands after handling and before eating, drinking or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE- Clear.
COLOR: Colorless.
PHYSICAL STATE: Spray.
ODOR THRESHOLD: N/D
ODOR: Mulberry fragrance.
pH: N/A
SOLUBILITY IN WATER: Miscible
SPECIFIC GRAVITY: (H₂O = 1) 0.77 – 0.83
MELTING/FREEZING POINT: N/D
BOILING POINT: >130°F
FLASH POINT(METHOD USED:TCC) <100 F
FLAMMABILITY LIMITS: Extremely flammable Aerosol.
LOWER FLAMMABILITY LIMIT: N/A
UPPER FLAMMABILITY LIMIT: N/A
EVAPORATION RATE: >3 (Fast)
VAPOR PRESSURE (mmHg): <180 @ 70°F (21°C)
VAPOR DENSITY: <2 @ 70°F (21°C)
**PARTITION COEFFICIENT,
n-OCTANOL/WATER:** N/D
AUTO-IGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/A
VOLATILE ORGANIC COMPOUNDS: 25%

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY: None known.

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, strong reducing agents, some plastics.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION/REACTIONS: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Acetone (67-64-1) LD50 (Oral, Rabbit) 5340 mg/kg; LD50 (Dermal, Rabbit) 20000 mg/kg

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, may cause conjunctivitis with possible corneal injury.

SKIN: Causes localized defatting, irritation. May be absorbed through skin with systemic effects.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and aspiration hazard.

INHALATION: May cause irritation to the respiratory tract, dizziness, headaches, nausea, unconsciousness, central nervous system depression.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing conditions of the skin, liver, CNS, and kidneys.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision.



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CHRONIC HEALTH HAZARDS: May cause damage to the following organs: kidneys, liver, skin, CNS depression.

CARCINOGENICITY: OSHA: Not classified. **ACGIH:** A5 – Not suspected. **NTP:** N/A **IARC:** N/A **OTHER:** N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not established.

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: Components in this mixture can bioaccumulate in aquatic organisms.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INSTRUCTIONS: Dispose of in accordance with local, state and Federal regulations.

RCRA STATUS: Waste likely considered D001, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

CONTAINER SIZES(S): Aerosol Can (7.25 oz.)
PROPER SHIPPING NAME: DEODORANTS OR DISINFECTANT
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: LIMITED QUANTITY

SECTION 15: REGULATORY INFORMATION

FEDERAL REGULATIONS:

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

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CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Acetone: (67-64-1)
Reportable Quantity = 5,000 lbs.

SARA 311/312 HAZARD CATEGORIES: Fire Hazard.

SARA 313 REPORTABLE INGREDIENTS: None.

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

SECTION 16: OTHER INFORMATION

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

REVISION DATE: 8/18//17

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.