



# 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:** 4/3/15

**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](http://www.marc1.com)

**RECOMMENDED USE:** Air Freshener.

**PREPARED BY:** MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Irritant (eye). Flammable Aerosol. Liquefied Gas.

**SIGNAL WORD AND PRECAUTIONARY STATEMENTS:** **DANGER:** Extremely Flammable Aerosol. Contains gas, under pressure. May explode if heated. Causes eye irritation.

**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	60 – 100%
Propane/n-Butane	68476-86-8	10 – 30%
Proprietary Fragrance	mixture	1 – 10%

This product contains the following percentage of chemicals of unknown toxicity: 3%

## SECTION 4: FIRST AID MEASURES

**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 advice or attention immediately.

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

**INGESTION:** If swallowed, **DO NOT INDUCE VOMITING** unless directed to do so by medical personnel. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**INHALATION:** Move to fresh air. If breathing is difficult give oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

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

**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,

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



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## 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.

**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.



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## 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:	Non-soluble
SPECIFIC GRAVITY: (H <sub>2</sub> O = 1)	0.78 – 0.81
MELTING/FREEZING POINT:	N/D
BOILING POINT:	N/D
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

## 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 – Oral LD50: Acute: 5800 mg/kg [Rat]. 3000 mg/kg [Mouse]. 5340 mg/kg [Rabbit]. Skin LD50: 20000.0 mg/kg (Rabbits)  
Inhalation (LC50): 50100 mg/m 8 hours [Rat]. 44000 mg/m 4 hours [Mouse], 21000 ppm (Cats).

**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.



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

**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:** Acetone – 67-64-1 – Ecotoxicity in water (LC50): 5540 mg/l 96 hours [Trout]. 8300 mg/l 96 hours [Bluegill]. 7500 mg/l 96 hours.

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

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**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.



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**SECTION 16: OTHER INFORMATION**

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

REVISION DATE: 4/3/15

**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.