



SAFETY DATA SHEET

Product: MARC 129 PLUMERIA DRY AIR FRESHENER & DEODORIZER

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 129 PLUMERIA DRY AIR FRESHENER & DEODORIZER

SDS DATE: 08/26/2022

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: marc1@marc1.com **WEBSITE:** www.marc1.com

RECOMMENDED USE: Odor eliminator and air freshener.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION-- Flammable Aerosol: Category 2 Liquefied Gas; Skin Sensitization: Category 1A

HAZARD STATEMENT(S)-- WARNING: Flammable Aerosol. Contains gas under pressure; May explode if heated. May cause an allergic skin reaction. This product contains the following percentage of chemicals of unknown toxicity: N/A.

PRECAUTIONARY STATEMENTS: 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. Avoid breathing fumes, vapors, mists or spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Dispose of contents and container in accordance with local, state, and national regulations.



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS NO.</u>	<u>INGREDIENT</u>	<u>% BY WT.</u>
74-98-6	Propane	10 – 20
106-97-8	n-Butane	10 – 20
80-54-6	Lilial	0.1 – 1

Specific percentages claimed as a trade secret.

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. **INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person. **INHALATION:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists. **SKIN:** Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists. **ACUTE HEALTH HAZARDS:** Prolonged contact with skin may cause irritation. May cause an allergic skin reaction. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. **CHRONIC HEALTH HAZARDS:** Repeated or prolonged contact may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. **NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog. **UNSUITABLE EXTINGUISHING MEDIA:** Water jets or streams. **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. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting. **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable. **HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, various hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment. **SPILL:** Stop all leaks, isolate hazard area, absorb spill with inert material (dry sand, dirt, etc.) eliminate all ignition sources. prevent runoff from entering drain, sewers, streams, and other bodies of water. **WASTE DISPOSAL:** Dispose of contents in accordance with federal, state, and local regulations. Do not



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dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container. **RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well-ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. **OTHER PRECAUTIONS:** Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health. **INCOMPATIBILITY:** Strong oxidizers, alkalis and acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane & n-Butane	1000 ppm	1000 ppm
Fragrance	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation adequate. **RESPIRATORY PROTECTION:** Not required with normal use. **PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves. **ADDITIONAL MEASURES:** Wash hands thoroughly after handling. Wear protective clothing to prevent repeated or prolonged contact with product. If clothing becomes contaminated, immediately remove and wash. Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling. No smoking or open flames.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Thick white spray
ODOR: Plumeria
ODOR THRESHOLD: N/D
pH: 6-7
MELTING POINT/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: > 200°F (93°C)
EVAPORATION RATE: Slow
FLAMMABILITY (solid/gas): Flammable Aerosol
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: N/D
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H₂O=1): 0.95-0.99 @ 77°F (25°C)
SOLUBILITY IN WATER: 63%
PARTITION COEFFICIENT: n-OCTANOL/WATER (KOW): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D
VOC Content: 25%

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None known. **CHEMICAL STABILITY:** Stable. **POSSIBLE HAZARDOUS REACTIONS:** None known. **CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition. **INCOMPATIBLE MATERIALS:** Strong oxidizers, alkalis and acids. **HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: n-Butane (106-97-8): LC50 (Inhalation, Rat, 4h) 30957 mg/m³. Propane (74-98-6): LC50 (Inhalation, Rat, 4h) 658 mg/L.
ROUTES OF ENTRY: Eyes, Inhalation, Skin. **EYES:** May cause irritation. **INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting. **INHALATION:** No hazards under normal use due to its low volatility. If vapor is present in high concentrations, upper respiratory tract irritation may occur. **SKIN:** May cause irritation with prolonged or repeated contact. May cause an allergic skin reaction. **MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin. **ACUTE**



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HEALTH HAZARDS: Prolonged contact with skin may cause irritation. May cause an allergic skin reaction. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. **CHRONIC HEALTH HAZARDS:** Repeated or prolonged contact may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. **CARCINOGENICITY--** OSHA: No. ACGIH: No. NTP: No. IARC: No. OTHER: N/A.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life with long lasting effects. **PERSISTENCE AND DEGRADABILITY:** This product is biodegradable. **BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate. **MOBILITY IN SOIL:** This product is mobile in soil. **OTHER ADVERSE EFFECTS:** None known.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container. **RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

CONTAINER SIZES(S): Aerosol Can
PROPER SHIPPING NAME: DEODORANTS OR DISINFECTANT
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: LTD QTY

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt. **CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None. **SARA 311/312 HAZARD CATEGORIES:** None. **SARA 313 REPORTABLE INGREDIENTS:** None. **STATE REGULATIONS:** California Proposition 65: None.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1; Flammability = 2; Reactivity = 0; Other = None; Protection = B.

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.