



SAFETY DATA SHEET

Product: MARC 120 CHERRY BLOSSOM AIR FRESHENER
Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 120 CHERRY BLOSSOM AIR FRESHENER

SDS DATE: 9/26/14

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: Dry air freshener.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Keep away from sources of ignition – No smoking! Take precautionary measures against static discharges.

CLASSIFICATION: Irritant (eye) (skin).

APPEARANCE/ODOR: Liquid under pressurized gas in steel can.

CLASSIFIED AS HAZARDOUS BY THE CRITERIA OF NOHSC.



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

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

LIKELY ROUTES OF EXPOSURE: Skin, eyes.

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 not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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



SAFETY DATA SHEET

Product: MARC 120 CHERRY BLOSSOM AIR FRESHENER

Form R04132

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 immediately.

SKIN: Immediately flush skin with soap and water for 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

INGESTION: If conscious, give water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention.

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: Carbon dioxide, dry chemical. Water spray may be used to cool cans to reduce risk of bursting.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIAL FIRE FIGHTING PROCEDURES: Containers may explode when heated. Try to keep cans below 50°C. Keep away from sources of ignition. Take precautionary measures against static discharges.

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: Keep away from sources of ignition – No smoking! Take precautionary measures against static discharges.

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

METHODS AND MATERIALS FOR CONTAINMENT: Not applicable: if cans rupture or are punctured, contents will rapidly evaporate.

METHODS FOR CLEAN-UP: Gather up scattered cans after any breached cans have finished discharging. Absorb discharge on sand, clay or other suitable material.

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

OTHER INFORMATION : Do not puncture or incinerate cans.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING: **Reasonable care:** Avoid puncturing cans; keep spray away from skin and eyes. Wash hands before eating, drinking, or smoking.

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

STORAGE: Store in original cartons at temperatures not more than 55°C/130°F



SAFETY DATA SHEET

Product: MARC 120 CHERRY BLOSSOM AIR FRESHENER

Form R04132

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

INGREDIENT

Butane
Propane
2-Propanone
Trade Secret Fragrance Mixture

TWA

TLV 1000 ppm
1000 ppm
TLV 500 ppm
None Established

LD-50

Simple asphyxiant
Simple asphyxiant
5800 mg/kg
Not determined

ENGINEERING CONTROLS: Normally not necessary.

MECHANICAL: N/A

OTHER: No Smoking or Open Flames

VENTILATION: N/A

RESPIRATORY PROTECTION: Not normally necessary.

HMIS: See Section 16.

EYE PROTECTION: Be careful not to spray in direction of face. Protective goggles recommended if handling large quantities.

SKIN PROTECTION/PROTECTIVE GLOVES: Avoid spraying on skin. Rubber or other protective gloves recommended if handling large quantities.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-	Clear
COLOR:	Colorless to pale yellow.
PHYSICAL STATE:	Liquid and compressed gas in steel can.
ODOR:	Varies with specific fragrance.
pH:	Not applicable.
SOLUBILITY IN WATER:	2-Propanone is soluble; Propane, Butane, fragrances are insoluble.
SPECIFIC GRAVITY: (H₂O = 1)	Not applicable. Net contents 404 g in steel can with nominal capacity of 600 mL.
FREEZING POINT:	Not determined.
BOILING POINT:	Not applicable. Cans can burst if heated to temperatures above 55°C.
FLASH POINT(METHOD USED:TCC)	Not applicable. Cans can burst if heated to temperatures above 55°C.
EVAPORATION RATE:	Not determined.
FLAMMABILITY:	Not classified as a "Flammable Aerosol". Contents very flammable.
FLAMMABILITY LIMITS:	UPPER: Not available. LOWER: Not determined.
VAPOR PRESSURE (mmHg):	Greater than 760 Torr at 20°C.
VAPOR DENSITY:	Not Available.
PARTITION COEFFICIENT, n-OCTANOL/WATER:	Not available.
AUTO-IGNITION TEMPERATURE:	Not determined.
DECOMPOSITION TEMPERATURE:	Not available.
VISCOSITY:	Not available.



SAFETY DATA SHEET

Product: MARC 120 CHERRY BLOSSOM AIR FRESHENER
Form R04132

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY:

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures above 55°C.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reaction known under conditions of normal use.

HAZARDOUS POLYMERIZATION: No dangerous reaction known under conditions of normal use.

CONDITIONS TO AVOID (POLYMERIZATION): None known.

POSSIBILITY OF HAZARDOUS REACTIONS: Extremely improbable.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Oral LD50: Not determined for mixture. Product is dispersed as fine mist. Ingestion is essentially impossible. Liquid portion more than 4 g/kg.

Dermal LD50: Product dispersed as fine mist. Significant skin contact essentially impossible. Liquid portion more than 5 g/kg.

EYES: Direct contact can irritate eyes.

SKIN: Prolonged or repeated contact with spray can irritate or dry skin.

INGESTION: Not expected to be a problem. Not a normal route of entry.

INHALATION: Not likely to be a problem.

LIKELY ROUTES OF EXPOSURE: Skin, eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Allergies to fragrances.

Sensitization: None known

CHRONIC EFFECTS:

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

POTENTIAL ENVIRONMENTAL EFFECTS: (See section 12 for more information.)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: None known

Persistence/Degradability: None known.

Bioaccumulation/Accumulation: None known

Mobility in Environment: Not determined.



SAFETY DATA SHEET

Product: MARC 120 CHERRY BLOSSOM AIR FRESHENER
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 SIZE(S): Aerosol Can
PROPER SHIPPING NAME: CONSUMER COMMODITY OR DEODORANT
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: N/A
LABEL STATEMENT: ORM-D or 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 = N

REVISION DATE: 9/26 /14

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.