



# SAFETY DATA SHEET

Product: MARC 164 PROTECT PLUS

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 164 PROTECT PLUS**


SDS DATE: 09/07/2022

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: Leather and vinyl cleaner and conditioner.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Gases Under Pressure; Liquefied Gas. **HAZARD STATEMENT(S)-- WARNING:** Contains gas under pressure; may explode if heated. 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. 

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Specific percentages and ingredients may be claimed as a trade secret.

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%</u>
n-Butane	106-97-8	1 - 5
Propane	74-98-6	1 - 5

## 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:** Substance is a mixture of liquified petroleum gas; ingestion is not a normal route of exposure. Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Never give anything by mouth to an unconscious person. **INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention. **SKIN:** Wash thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops. **ACUTE HEALTH HAZARDS:** None known. **CHRONIC HEALTH HAZARDS:** None known. **NOTE TO PHYSICIAN:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, foam or carbon dioxide. **UNSUITABLE EXTINGUISHING MEDIA:** N/A. **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 contact with skin and 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. **HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and unidentified organic compounds may be formed during Combustion.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment. **SPILL:** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations. **WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection. **RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** Wear proper personal protective equipment when using this product. 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. Do not use or store with strong oxidizers. **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 inorganic and organic bases. Strong oxidizing agents.



# SAFETY DATA SHEET

Product: MARC 164 PROTECT PLUS

Form R04132

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**ENGINEERING CONTROLS / VENTILATION:** General ventilation and local exhaust should be adequate. **RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas. **PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles and chemical resistant gloves. **ADDITIONAL MEASURES:** Wash hands and clothing in contact with product after use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE- PHYSICAL STATE:** Foam.  
**FORM:** Aerosol  
**COLOR:** White.  
**ODOR:** Mild.  
**ODOR THRESHOLD:** Not available.  
**pH:** Not available.  
**SOLUBILITY IN WATER:** 100%.  
**SPECIFIC GRAVITY:** 1.02 @ 77°F.  
**MELTING/FREEZING POINT:** 32°F.  
**BOILING POINT & RANGE:** Not available.  
**FLASH POINT/METHOD USED:** Not determined.  
**EVAPORATION RATE:** Slow.  
**FLAMMABILITY (solid, gas):** Not considered a flammable aerosol or an extremely flammable aerosol by OSHA.  
**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:** LOWER: Not available. UPPER: Not available.  
**VAPOR PRESSURE (mmHg):** 17.5 @ 77°F.  
**VAPOR DENSITY (AIR = 1):** >1 @ 77°F.  
**PARTITION COEFFICIENT, n-OCTANOL/WATER:** Not available.  
**AUTO-IGNITION TEMPERATURE:** Not available.  
**DECOMPOSITION TEMPERATURE:** Not available.  
**VISCOSITY:** Not available.  
**VOLATILE ORGANIC COMPOUNDS:** 6.9%

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** None known. **CHEMICAL STABILITY:** Stable. **POSSIBLE HAZARDOUS REACTIONS:** None known. **CONDITIONS TO AVOID:** Extremes of hot and cold. Avoid incompatibles. Do not mix with strong acids. **INCOMPATIBLE MATERIALS:** Strong inorganic and organic bases. Strong oxidizing agents. **HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Propane (74-98-6):** LC50 (Inhalation, Rat, 4h) 658 mg/L. **n-Butane (106-97-8):** LC50 (Inhalation, Rat, 4h) 30957 mg/m.  
**ROUTES OF ENTRY:** Eyes, Inhalation, Skin. **EYES:** May cause irritation, redness. **INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation. **INHALATION:** Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation. **SKIN:** May cause mild irritation with prolonged or repeated contact. **MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure. **ACUTE HEALTH HAZARDS:** None known. **CHRONIC HEALTH HAZARDS:** None known. **CARCINOGENICITY--** OSHA: No. ACGIH: No. NTP: No. IARC: No. OTHER: N/A.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not established. **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 in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection. **RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).



# SAFETY DATA SHEET

Product: MARC 164 PROTECT PLUS

Form R04132

## SECTION 14: TRANSPORT INFORMATION

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

**CONTAINER SIZES(S):** Aerosol Can

**PROPER SHIPPING NAME:** CLEANING COMPOUND

**HAZARD CLASS:** N/A

**ID NUMBER:** N/A

**PACKING GROUP:** N/A

**LABEL STATEMENT:** Limited Quantity

## SECTION 15: REGULATORY INFORMATION

**TSCA STATUS:** All chemicals are listed or exempt. **CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Potassium hydroxide (1310-58-3); Reportable Quantity = 1,000 pounds. **SARA 311/312 HAZARD CATEGORIES:** Gas under pressure. **SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313. **CLEAN WATER ACT:** None. **STATE REGULATIONS:** California Proposition 65-This product contains no known chemicals regulated by California Proposition 65.

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:** Health = 1; Flammability = 1; Reactivity = 1; 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.