



# SAFETY DATA SHEET

Product: MARC 133 WATER-BASED DUST MOP TREATMENT  
Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 133 WATER-BASED DUST MOP TREATMENT**

SDS DATE: 10/30/2023

SUPPLIER: Mid-American Research Chemical Corp.  
PHONE: 402-564-7104 FAX: 402-563-1290  
EMERGENCY PHONE: InfoTrac 1-800-535-5053  
E-MAIL: marc1@marc1.com WEBSITE: www.marc1.com

ADDRESS: P. O. Box 927 • Columbus, NE 68602-0927

RECOMMENDED USE: Dust mop treatment.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION**-- Gas Under Pressure: Liquefied Gas; Aspiration Hazard: Category 1; Skin Sensitization: Category 1. **HAZARD STATEMENTS**-- DANGER: Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. This product contains the following percentage of chemicals of unknown toxicity: 0%. **PRECAUTIONARY STATEMENTS**: Keep away from heat, sparks, open flames or 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 mist, vapors 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 or attention. Wash contaminated clothing before reuse. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state and federal regulations.



## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>
d-Limonene	5989-27-5	5-10%
Distillates (petroleum), hydrotreated light	64742-47-8	30-40%
Propane	74-98-3	1- 5%
n-Butane	106-97-8	5-10%

Exact percentages withheld 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 out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. 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**: Remove contaminated clothes. Wash skin thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops. Wash contaminated clothing before reuse. **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. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. **CHRONIC HEALTH HAZARDS**: Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. Long-term exposure may cause dermatitis. Prolonged inhalation may be harmful. **NOTE TO PHYSICIAN**: Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA**: Use an extinguishing agent suitable for the surrounding fire. **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 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 122°F (50°C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. **HAZARDOUS COMBUSTION PRODUCTS**: Oxides of carbon.



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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment. **SPILL:** Eliminate all sources of ignition. absorb liquid with non-combustible material like vermiculite, sand or earth and clean up with mop or rag. Small releases may be wiped up with wiping material. **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:** 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. Do not inhale mist or vapor. Use only with adequate ventilation. 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. Store in a cool, dry area. Wash hands thoroughly after handling. **OTHER PRECAUTIONS:** Keep out of the reach of children. Aspiration hazard if swallowed. Can enter lungs and cause damage. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. 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:** None known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Distillates (petroleum), hydrotreated light	Not Established	200 mg/m <sup>3</sup>
Propane	1000 ppm	1000 ppm
d-Limonene	Not Established	Not Established
n-Buane	Not Established	1000 ppm

**ENGINEERING CONTROLS/VENTILATION:** General ventilation adequate. **RESPIRATORY PROTECTION:** Not required with normal use. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator. **PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles and chemical resistant gloves. **ADDITIONAL MEASURES:** Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. If clothing becomes contaminated, immediately remove and wash.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	White foam
<b>ODOR:</b>	Citrus scent
<b>ODOR THRESHOLD:</b>	N/D
<b>BOILING POINT:</b>	N/D
<b>FREEZING POINT:</b>	N/D
<b>FLAMMABILITY:</b>	Flammable aerosol
<b>FLASH POINT:</b>	N/D
<b>AUTO-IGNITION TEMPERATURE:</b>	N/D
<b>LOWER FLAMMABILITY LIMIT:</b>	N/D
<b>UPPER FLAMMABILITY LIMIT:</b>	N/D
<b>VAPOR PRESSURE (mmHg):</b>	N/D
<b>VAPOR DENSITY (AIR = 1):</b>	N/D
<b>EVAPORATION RATE:</b>	N/D
<b>SPECIFIC GRAVITY (H2O=1):</b>	0.89 – 0.91 @ 77°F (25°C)
<b>pH:</b>	N/A
<b>SOLIDS (%):</b>	N/D
<b>SOLUBILITY IN WATER:</b>	Yes
<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b>	17%
<b>DIELECTRIC STRENGTH (Volts):</b>	N/D
<b>DECOMPOSITION TEMPERATURE:</b>	N/D
<b>VISCOSITY:</b>	N/D

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** None known. **CHEMICAL STABILITY:** Stable. **CONDITIONS TO AVOID:** None known. **INCOMPATIBILITY:** Strong oxidizing agents. Strong reducing agents. Temperatures greater than 122°F (50°C) and sources of ignition. **HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Carbon monoxide and unidentified organic compounds may be formed during combustion. **POSSIBLE HAZARDOUS REACTIONS:** None known.



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## SECTION 11: TOXICOLOGICAL INFORMATION

**Distillates (petroleum), hydrotreated light (64742-47-8):** LD50 (Oral, Rat) 5 g/kg; LD50 (Dermal, Rabbit) 2 g/kg; LC50 (Inhalation, Rat, 4h) 5 mg/L. **n-Butane (106-97-8):** LC50 (Inhalation, Rat, 4h) 30957 mg/m<sup>3</sup>. **d- Limonene (5989-27-5):** LD50 (Oral, Rat) 4400 mg/kg; LD50 (Mouse) 5600 mg/kg; LD50 (Dermal, Rabbit) 5000 mg/kg. **Propane (74-98-6):** LC50 (Inhalation, Rat, 4h) 658 mg/L.

**ROUTES OF ENTRY:** Eyes, Inhalation, Skin. **EYES:** May cause burning, irritation, redness, tearing. **INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, dizziness. Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema. **INHALATION:** May cause respiratory tract irritation, dizziness, headaches, nausea. **SKIN:** May cause irritation, dryness, localized defatting. **MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin. **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. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. **CHRONIC HEALTH HAZARDS:** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. Long-term exposure may cause dermatitis. Prolonged inhalation may be harmful. **CARCINOGENICITY-- OSHA:** No; **ACGIH:** No; **NTP:** No; **IARC:** No; **OTHER:** N/A.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** Distillates (petroleum), hydrotreated light (64742-47-8): LC50 (Daphnia, 48h) > 1000 mg/L; EC50 (Algae, 72h) > 1000 mg/L. **d- Limonene (5989-27-5):** EC50 (Pimephales promelas, 96h) 688 µg/L; EC50 (Daphnia magna, 48h) 421 µg/L. **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 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 14: TRANSPORT INFORMATION

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

<b>CONTAINER SIZE(S):</b>	Aerosol Can
<b>PROPER SHIPPING NAME:</b>	CLEANING COMPOUND
<b>HAZARD CLASS:</b>	N/A
<b>ID NUMBER:</b>	N/A
<b>PACKING GROUP:</b>	N/A
<b>LABEL STATEMENT:</b>	Limited Quantity

## 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:** Gas under pressure. Respiratory or skin sensitization. Aspiration hazard. **SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemicals which are subject to the reporting requirements at Title 40 of the Code of Federal Regulations, Part 372. **STATE REGULATIONS:** California Proposition 65: This product does not contain chemicals regulated by California Proposition 65. **INTERNATIONAL REGULATIONS:** Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).

## SECTION 16: OTHER INFORMATION

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

**DISCLAIMER:** To the best of our knowledge the 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 hazards which exist. 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.