



SAFETY DATA SHEET

Product: MARC 17 HYDROGEN PEROXIDE CLEANER

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 17 HYDROGEN PEROXIDE CLEANER**

SDS DATE: 01/04/2019

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: Cleaning compound.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Eye Damage/Irritation – Category 2A.

SIGNAL WORD AND HAZARD AND PRECAUTIONARY STATEMENTS - WARNING: Contains hydrogen peroxide, detergent blend and d-limonene. Causes serious eye irritation. Wash hands, face and any skin contact thoroughly after handling. Wear eye protection/face protection. IF IN 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 attention. **KEEP OUT OF REACH OF CHILDREN!**



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>
Hydrogen Peroxide	7722-84-1	3%
Detergent Blend	Proprietary Mixture	3%
d-limonene	5989-27-5	0.1% -1%

SECTION 4: FIRST AID MEASURES

SYMPTOMS: Irritation of affected areas. Causes eye irritation. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. If eye irritation persists, get medical advice/attention.

SKIN: Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. If irritation occurs, get medical advice/attention.

INGESTION: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. **DO NOT INDUCE VOMITING** unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage.

INHALATION: Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat exposed patients symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Not applicable. Product is not a fire hazard.

UNSUITABLE EXTINGUISHING MEDIA: High pressure water jet.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Depending on the extent of release, consider the need for restriction of access to spill area.

**PROTECTIVE EQUIPMENT/
PERSONAL PRECAUTIONS:** Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene) and/or personal protective devices as stated in Section 8. Wash thoroughly after clean up.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sewers/drains or contact with soil.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: **SMALL SPILLS:** May be wiped up and rinsed with water.
LARGE SPILLS: Contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Follow good industrial hygiene practices.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Read label before use. Use product only according to label directions. Avoid contact with skin or eyes. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, eye protection, face protection. If unsure about safe use, contact your supervisor.

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

STORAGE: Store in tightly closed, original container in a cool (10° – 30°C), dry area. Do not contaminate water, food or feed by storage and disposal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH OCCUPATIONAL EXPOSURE LIMITS: None

**ENGINEERING CONTROLS/
VENTILATION :** Proper ventilation in accordance with good industrial hygiene should be provided.

RESPIRATORY PROTECTION: Respiratory protection is not necessary under normal conditions of use.

EYE PROTECTION: Chemical resistant goggles or face protection.

SKIN PROTECTION/PROTECTIVE GLOVES: Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protective clothing (long sleeves, pants). Eyewash, safety shower are always advisable when working with chemicals.

WORK HYGIENIC PRACTICES: Follow good industrial hygiene practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE-
PHYSICAL STATE:** Liquid
COLOR: Colorless
ODOR: Orange Fragrance
ODOR THRESHOLD: No data available.
BOILING POINT: 212°F
DECOMPOSITION TEMPERATURE: No data available.
FREEZING POINT: 32°F
pH: 6-7
RELATIVE DENSITY: 1.010
EVAPORATION RATE: Similar to water.
AUTO-IGNITION TEMPERATURE: Not applicable.
FLASH POINT/METHOD USED: None
FLAMMABILITY (solid, gas): Not applicable.
FLAMMABILITY LIMITS: Not applicable.
PARTITION COEFFICIENT: Not applicable.
SOLUBILITY IN WATER: Complete



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VAPOR DENSITY (AIR = 1): No data available.
VAPOR PRESSURE (mmHg): No data available.
VISCOSITY: Water thin.
SPECIFIC GRAVITY (H₂O = 1): 1.02

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.

CHEMICAL STABILITY: This product is stable at ambient temperatures and pressures.

CONDITIONS TO AVOID: Temperatures above 50°C or below 10°C.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: No **CONDITIONS TO AVOID (POLYMERIZATION):** None.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

<u>TEST</u>	<u>RESULTS</u>
ORAL	>2000mg/kg
DERMAL	>2000mg/kg
INHALATION:	>20 mg/L
EYE DAMAGE/IRRITATION:	Irritation
SKIN DAMAGE/IRRITATION:	Not applicable

SUMMARY: Skin and eye contact are most likely routes of exposure. Causes eye irritation.

SUBCHRONIC/CHRONIC TOXICITY:

<u>TEST</u>	<u>RESULTS</u>
SKIN SENSITIZATION	Not a sensitizer

SUMMARY: Repeated or prolonged contact causes skin or eye irritation.

CARCINOGENS: -Hydrogen peroxide – IARC, ACGIH listed A3 as animal carcinogen. All other ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA.

OTHER DATA: No other toxicological information is available for this mixture.

SECTION 12: ECOLOGICAL INFORMATION

This material has not been tested for acute environmental effects.

PERSISTENCE AND DEGRADABILITY: Material is not persistent. All organic components >1% are readily biodegradable.

BIO-ACCUMULATIVE POTENTIAL: No evidence to suggest bio-accumulation will occur.

MOBILITY: Accidental spillage may lead to penetration of soil and groundwater.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

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

CONTAINER SIZES(S): Quarts
PROPER SHIPPING NAME: COMPOUND, CLEANING LIQUID
HAZARD CLASS: None



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PACKING GROUP: None
LABEL STATEMENT: None

SECTION 15: REGULATORY INFORMATION

INVENTORY STATUS: All components are listed on TSCA (US), EINECS/ELINCS (EU), DSL (Canada), AICS (Australia), ENCS (Japan).

OSHA HAZARD COMMUNICATION STANDARD: This product meets the §1910.1200 definition of a "Hazardous Chemical".

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components listed.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EPCRA) SETIONS 311 AND 312:

Immediate (Acute) Health Hazard

Yes	
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EPCRA) SECTION 313

chemicals marked with an asterisk* in "3. Composition/Information on Ingredients" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

SECTION 16: OTHER INFORMATION

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

REVISION DATE: 01/04/2019

DISCLAIMER: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material.