

SAFETY DATA SHEET

Product: MARC 2 MINT POWER OFF

Form RC4132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 2 MINT POWER OFF

SDS DATE: 12/01/18

SUPPLIER: Mid-American Research Chemical Corp. ADDRESS: P.O. Box 437, Columbus, NE 68603-0437
PHONE: 402-465-4100 FAX: 402-465-4120
EMERGENCY PHONE: Info line 1-800-655-5062
E-MAIL: mrc@marc1.com WEBSITE: www.marcc1.com

RECOMMENDED USE: All purpose cleaner.

PREPARED BY: MARC

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Classification of this mixture is in accordance with paragraph (b) of §1910.1200.

GHS: Corrosion/Irritation, Serious Eye Damage/Eye Irritation,
Respiratory Irritation, Harmful if swallowed.



ADDITIONAL WORD AND PRECAUTIONARY STATEMENTS: DANGER, Harmful if swallowed, In contact with skin or if inhaled, causes severe skin burns and serious eye damage. May cause respiratory irritation. PRECAUTIONARY STATEMENTS: Do not breathe mist or vapour. Wash hands, face and any skin contacted thoroughly after handling. Do not eat or drink when using this product. When protective gloves, protective clothing, eye protection and face protection. Use only in a well-ventilated area.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Specific percentages may be changed as a trade secret.

INGREDIENT	CAS NO.	WT. %
2-Butoxyethanol	6032-32-0	0.5-2%
	111-78-2	1-3%

SECTION 4: FIRST AID MEASURES

SYMPTOMS:

Causes irritation or burning sensation. Causes severe skin burns and serious eye damage. 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 the first 5 minutes. Then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN:

Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INHALATION:

Call a 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 advised to do so by a poison control center or physician. Do not use anything to induce vomiting unless advised to do so by a poison control center or physician. Do not use anything to induce vomiting unless advised to do so by a poison control center or physician. Do not use anything to induce vomiting unless advised to do so by a poison control center or physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Probable mucousal damage may contraindicate the use of gastric lavage. Treat exposed patients symptomatically.

MEDICAL CONDITIONS AGGRAVATED: No data is available that addresses medical conditions aggravated by exposure to this product.

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SECTION 5: FIRE FIGHTING MEASURES

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

UNUSUAL FIRE FIGHTING MEASURES: High pressure water jet.

SPECIAL FIRE FIGHTING PROCEDURES: The operator 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:

Depending on the extent of release, consider the need for emergency response with adequate personal protective equipment for cleanup, need for evacuation or restriction to access of spill area. LARGE SPILLS: Contain spill with inert material (sand, clay). Transfer material to sealed containers for recovery or proper disposal. After removal, flush area with water. SMALL SPILLS: May be wiped up and rinsed with water.

ENVIRONMENTAL PRECAUTIONS:

WATER SPILL: Avoid discharge into open waterways. LAND SPILL: Avoid discharge to soil. AIR SPILL: Not applicable.

PROTECTIVE EQUIPMENT:

Use personal protective devices as stated in Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Same as EMERGENCY PROCEDURES. Dispose of in compliance with all federal, state and local laws and regulations.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING:

Read label before use. Wash hands, face and any skin contacted thoroughly after handling. Do not eat, drink, or smoke when using this product. If you use about this use, contact your supervisor. Use on a well-ventilated area. See Section 8 for personal protection.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. CAREFULLY READ ENTIRE LABEL BEFORE USE. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed original container in a cool (50° - 70° F), dry, well-ventilated area. Store in area inaccessible to children.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENT

CAS NO.	TLV
2-Butoxyethanol	20 ppm
Borohum Malathion	3mg/m ³

ENGINEERING CONTROLS/VENTILATION:

Proper ventilation in accordance with good industrial hygiene should be provided. Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an appropriate certified type respirator.

RESPIRATORY PROTECTION:

Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an appropriate certified type respirator.

EYES AND FACE PROTECTION:

Chemical resistant goggles and face protection. Use water impervious gloves (nitrile or neoprene rubber). No breakthrough time has been established.

SKIN PROTECTION/PROTECTIVE GLOVES:



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

WORK HYGIENE PRACTICES:

Wash hands thoroughly after cleaning, before eating, drinking, smoking or using toilet facilities. Always practice good housekeeping and hygiene practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid
PHYSICAL STATE: Green
COLOR: Green
ODOR: No data available.
ODOR THRESHOLD: No data available.
MELTING POINT: 15.0
FREEZING POINT: 212°F
BOILING POINT: 302°F
FLASH POINT/METHOD USED: None
EVAPORATION RATE: Similar to water.
FLAMMABILITY (solid, gas): Not Applicable.
FLAMMABILITY (liquid, gas): No data available.
VAPOR PRESSURE (mmHg): No data available.
VAPOR DENSITY (air = 1): No data available.
RELATIVE DENSITY: 1.01
SPECIFIC GRAVITY (H₂O = 1): 1.01
SOLUBILITY IN WATER: Complete.
VISCOSITY: Thin

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No strongly reactive test data is available. Under normal conditions of storage and use, hazardous reactions are not expected.

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

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: No. CONDITIONS TO AVOID POLYMERIZATION: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

2-Pyridylmethanol: Oral LD-50 - Rat 1,500 mg/kg.
Oral LD-50 - Guinea Pig 1,400 mg/kg.
Dermal LD-50 - Guinea Pig > 2,000 mg/kg.
Dermal LD-50 - Rat > 2,000 mg/kg.
Inhalation Vapors LC50 - Rat - 3 hours > 4.9 mg/l.
Inhalation Vapors LC50 - Guinea Pig - 1 hour > 3.4 mg/l.
Skin corrosion/irritation - Rabbit - Irritating to skin.
Serious eye damage/eye irritation - Rabbit - Irritating to the eyes.
Respiratory or skin sensitization - Guinea Pig - did not cause sensitization.

Barium Metasilicate: LD50 1,280 mg/kg (rat), 24,000 mg/kg (mouse).



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EYES EFFECTS: Serious eye damage. Eye irritation.

SKIN EFFECTS: Causes skin burns. Irritation.

INGESTION: May be harmful if swallowed. Probable mucosal damage.

INHALATION: Do not breathe mists/vapors/sprays. May cause respiratory irritation and/or distress.

CARCINOGENS: 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 material.

SECTION 11: ECOLOGICAL INFORMATION

This material has not been tested for acute environmental effects.

PERSISTENCE AND DEGRADABILITY: Material is not persistent. All organic components in this product are readily biodegradable.

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

MOBILITY: Aqueous solution may lead to penetration of soil and groundwater. However, due to degradability, the evidence suggests this would cause adverse ecological effects. Material will raise pH of affected area.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not combine with water, food or feed by disposal. If these wastes cannot be disposed of by use according to label directions, contact your State, Federal or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Place container promptly after emptying. Then offer for recycling or reconditioning, or purchase and dispose of in a sanitary landfill. If container is empty or less, with empty container in plastic bag and discard to waste.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT) HAZARDOUS MATERIAL

CONTAINER SIZE(S): Drum, Pail
PROPER SHIPPING NAME: COMPOUNDS, CLEANING LIQUID (CONTAINS SODIUM METASILICATE)
HAZARD CLASS: 8
ID NUMBER: UN1760
PACKING GROUP: PGII
LABEL STATEMENT: CORROSIVE
CONTAINER SIZE(S): Quarts, Gallons, Compound, Cleaning Liquid, Limited Quantity.



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SAFETY DATA SHEET FOR MINT POWER OFF. THIS SHEET IS TO BE USED FOR ALL MINT POWER OFF. IT IS NOT TO BE USED FOR ANY OTHER PRODUCT. IT IS NOT TO BE USED FOR ANY OTHER PRODUCT. IT IS NOT TO BE USED FOR ANY OTHER PRODUCT.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

INVENTORY STATUS: All components are listed on TSCA (U.S.), EINECS/ELINCS (EU), DSL (Canada), AICS (Australia), EMCs (Japan), OSHA Hazard Communication Standard. This product is a Hazardous Chemical.

SDS TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1992 (SARA) Sections 311 and 312:

Immediate (Acute) Health Hazard: Yes Delayed (Chronic) Health Hazard: No
Fire Hazard: No Reactive Hazard: No
Sudden Release or Pressure Hazard: No

SECTION 16: OTHER INFORMATION

HMMA/PPA Ratings: Health: 1
Flammability: 0
Reactivity: 0
Other: 0
Protection: 0

12/9/15

DISCLAIMER: While the information provided herein is believed to be correct, no warranties are made with respect to its accuracy, and all liability from reliance thereon is disclaimed.

