

WALCO

SAFETY DATA SHEET

Product: MARC 2 MINT POWER OFF

Form 184132
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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 2 MINT POWER OFF

SDS DATE: 12/01/18

SUPPLIER: Middlefield Research Chemical Corp. **ADDRESS:** P. O. Box 417, Columbus, NE 68601-0417

PHONE: 402-264-7100 **FAX:** 402-461-4120

EMERGENCY PHONE: Info line 1-800-658-5062

E-MAIL: rmc@marc2.com **WEBSITE:** www.marcc1.com

RECOMMENDED USE: All purpose cleaner.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

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

HAZARD STATEMENTS: Skin Corrosion/Irritation, Serious Eye Damage/Eye Irritation, Respiratory Irritation, Harmful if swallowed.

PRECAUTIONARY STATEMENTS: DANGER, Harmful if swallowed, In contact with skin or clothes, Causes severe skin burns and serious eye damage, May cause respiratory irritation.

ADDITIONAL INFORMATION: Do not breathe mist/vapour. Wash hands, face and any skin contacted thoroughly after handling. Do not eat or drink when using this product. Wear protective gloves, 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 %
Water	7732-18-7	0.5-2%
2-Butoxyethanol	111-78-2	1-3%

SECTION 4: FIRST AID MEASURES

EYE/FAZ: 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 any form of artificial respiration unless advised to do so by a poison control center or physician. If breathing is difficult, use of oxygen may be beneficial. Provide prompt medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Probable mucous membrane damage may complicate the use of gastric lavage. Treat exposed mucous membranes.

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 PROCEDURES: High pressure water jet.

SPECIAL FIRE FIGHTING PROCEDURES: The regulator 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 labeled containers for recovery or proper disposal. After removal, flush area with water.

SMALL SPILLS: May be wiped up and rinsed with water.

WATER POLLUTION: Avoid discharge into open waterways.

LAND POLLUTION: Avoid discharge to soil.

AIR POLLUTION: Not applicable.

PROTECTIVE EQUIPMENT: Use personal protective devices as listed 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 around kids use, contact your supervisor. Use on a well-ventilated area.

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

STORAGE: Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed original container in a cool (15° - 30° C), dry, well-ventilated area. Store in area inaccessible to children.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENT

INGREDIENT	CAS NO.	TLV
2-Butoxyethanol	111-78-2	20 ppm
Borolum Methylate	6831-92-0	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 provide exposure above occupational limits, use an approved certified type respirator.

RESPIRATORY PROTECTION: Respiratory protection is not necessary under normal conditions of use. If necessary to provide exposure above occupational limits, use an approved certified type respirator.

EYES AND FACE PROTECTION: Chemical resistant goggles and face protection.

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

SAFETY DATA SHEET
Product: MARC 2 MINT POWER OFF

Form R41132

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protective clothing (long sleeves, pants), geyseah, safety shower and always always 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: Mint
 ODOOR: No odor available.
 ODOOR THRESHOLD: N/A
 MELTING POINT: N/A
 FREEZING POINT: N/A
 BOILING POINT: 212°F
 FLASH POINT/METHOD USED: Similar to water.
 EVAPORATION RATE: Not Applicable.
 FLAMMABILITY (LIQ): No data available.
 FLAMMABILITY (GAS): No data available.
 VAPOR PRESSURE (mmHg): No data available.
 VAPOR DENSITY (AIR = 1): 1.01
 RELATIVE DENSITY: 1.01
 SPECIFIC GRAVITY (4/4): Complete.
 SOLUBILITY IN WATER: Thin
 VISCOSITY: Thin

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No specific reactivity 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-Pyridoxylamine:
 Oral LD-50 - Rat + 1,500 mg/kg
 Oral LD-50 - Guinea Pig = 1,410 mg/kg
 Dermal LD-50 - Rat > 2,000 mg/kg
 Dermal LD-50 - Guinea Pig > 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.
 LD50 1,200 mg/kg (rat), 24,000 mg/kg (mouse).

SAFETY DATA SHEET
Product: MARC 2 MINT POWER OFF

Form R41132

EYES EFFECTS: Serious eye damage. Eye Irritation.

SKIN EFFECTS: Bysters skin burns, Irritation.
 IRRITATION: May be harmful if swallowed. Promote mucosal damage.

INHALATION: Do not breathe mists/vapors/dusts. 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 mixture.

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.

BIOACCUMULATIVE POTENTIAL: No evidence to suggest bioaccumulation will occur.

MOBILITY: Aqueous solutions 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 contaminate 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 representatives 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 nearby landfill. If container is one gallon or less, wrap singly contained in plastic bag and discard to trash.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT) HAZARDOUS MATERIALS
 CONTAINER SIZE(S): Drum, Pail
 PROPER SHIPPING NAME: COMPOUNDS, CLEANING LIQUID (CONTAINS SODIUM METALCALATE)
 HAZARD CLASS: 8
 DOT NUMBER: UN1780
 PACKING GROUP: PGII
 LABEL STATEMENT: CORROSIVE
 CONTAINER SIZE(S): Quarts, Gallons, Compound, Cleaning Liquid, Limited Quantity.



SAFETY DATA SHEET

Product: MARC 2 MINT POWER OFF

Form No. 102

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

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

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

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

SECTION 16: OTHER INFORMATION

Hazardous Ratings:	Health	1
	Flammability	0
	Reactivity	0
	Other	-
	Prohibition	-

12/9/16

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.

