

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

MIGHTY GREEN

PRODUCT CODE: #158A

CHEMICAL FORMULATION: NON-ACID, NON-CAUSTIC CLEANER-DEGREASER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
2 BUTOXYETHANOL	111-76-2				
TRIETHANOLINE	102-71-6				
MONOETHANOLAMINE	141-43-5				
RUST INHIBITOR @ 1 GALLON PER 54 GALLONS					

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (C/F): 110°C/231°F	MELTING POINT:
VAPOR PRESSURE (17MM HG @ 20°C)	SPECIFIC GRAVITY (WATER = 1): 1.0257
22MM HG @ 25°C (AIR=1)	FREEZING POINT: NEG 9°C (16°F)
VAPOR DENSITY (AIR = 1): 1.3	VOC CONTENT (% by weight): 7.96 G/L
LBS PER GAL DENSITY: 8.55 LBS	VISCOSITY: WATER LIKE
CORROSION RATE: N/A	% VOLATILE: 94%
SOLUBILITY IN WATER: COMPLETE	EVAPORATION RATE (Water = 1): 1
	pH: 9.3-9.5
APPEARANCE AND ODOR: DARK GREEN COLORED LIQUID / SASSAFRAS ODOR.	

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): NONE TO BOILING (TEST METHOD):
FLAMMABLE LIMITS: NO DATA UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: NONFLAMABLE/NONEXPLOSIVE. NO SPECIAL PROCEDURE REQUIRED.

SPECIAL FIRE FIGHTING PROCEDURES: USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS WHERE THIS PRODUCT IS INVOLVED IN FIRE. KEEP FIRE EXPOSED COOL WITH WATER SPRAY TO PREVENT CONTAINERS FROM BURSTING.

UNUSUAL FIRE AND EXPLOSION HAZARD: THIS PRODUCT WILL NOT BURN. EXTREME HEAT MAY CAUSE BURSTING OF CONTAINER AND THERMAL DECOMPOSITION OF MATERIAL.

V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	N/A
CONDITIONS TO AVOID:	N/A
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	NORMAL COMBUSTION PRODUCTS FROM BURNING; CARBON DIOXIDE AND CARBON MONOXIDE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	N/A

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? NO SKIN? NO INGESTION? YES EYES? YES

CARCINOGENICITY? NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

EFFECTS OF OVEREXPOSURE

IF IN EYES: MAY CAUSE MILD IRRITATION AND REDNESS.

IF ON SKIN: PROLONGED AND REPEATED CONTACT WITH SKIN MAY CAUSE DRYNESS OF SKIN.

IF SWALLOWED: CONTACT PHYSICIAN

IF INHALED: N/A

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN IMMEDIATELY.

IF ON SKIN: WASH WITH SOAP AND WATER; IF ON CLOTHES WASH BEFORE REUSE.

IF SWALLOWED: GIVE LARGE AMOUNTS OF WATER OR MILK AND GET IMMEDIATE MEDICAL AID. DO NOT INDUCE VOMITING.

IF INHALED: N/A

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: PICKUP SPILLAGE WITH ABSORBENT MATERIAL AND THE AREA. COLLECT WITH AN ABSORBENT OR FLUSH AWAY.

SWEEP UP. FLUSH AREA WITH WATER. CAUTION: FLOORS MAY BE SLIPPERY. TAKE CARE TO AVOID FALLS.

WASTE DISPOSAL METHOD: MIGHTY GREEN IS FULLY WATER SOLUBLE AND BIODEGRADABLE AND WILL NOT HARM SEWAGE-TREATMENT MICROORGANISMS IF DISPOSED IN SEWER OR DRAIN. DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: N/A Mechanical (General): N/A Special: N/A
Other: N/A

RESPIRATORY PROTECTION: NONE WITH NORMAL VENTILATION

PROTECTIVE GLOVES: RUBBER GLOVES ARE SUGGESTED FOR PROLONGED CONTACT.

EYE PROTECTION: TO PROTECT EYES

OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS: N/A

WORK/HYGIENIC PRACTICES : USE GOOD PERSONAL HYGIENE. WASH HANDS AFTER HANDLING BEFORE EATING AND SMOKING

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