

MATERIAL SAFETY DATA SHEET

CHEMCO INDUSTRIES, INC.
5731 Manchester Ave., St. Louis, MO 63110



DATE OF ISSUE: January, 05, 2006

GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236
CHEMTREC: (800) 424-9300

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	ACGIHTLV	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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MIGHTY GREEN

PRODUCT CODE: #158A

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

REVISION DATE: January 05, 2005

Prepared By:

DATE OF ISSUE: January 05, 2005

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Chemco Industries assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material.