

Mean Green – Cleaner Degreaser

Material Safety Data Sheet

Manufacturer: ChemPro Incorporated 1-800-886-5000

Preparation Date: July 28, 2009

Product Name: Mean Green

Product Description: A detergent compound containing builders, 2-butoxyethanol, surfactant, and water.

Section I: Hazardous Ingredients

Hazardous Ingredients	ACGIH TLV	OSHA PEL	CAS#	%
2-Butoxyethanol	25 p.p.m. skin	50 p.p.m. skin	111-76-2	2.0 – 7.0
Tetrasodium EDTA	None established		64-02-8	1.0 – 5.0

Section II: Physical Data

Ph	12.0 to 12.5	Boiling Point	N/D
Vapor Pressure	N/D	Melting Point	N/A
Solubility In Water	Complete	Evaporation Point	N/A
Appearance and Odor	Clear green liquid with mild odor		

Section III: Fire and Explosion Hazard Data

Flash Point: None

Flammable Limits: LFL N/A UFL N/A

Extinguishing Media: This material is not flammable. Use extinguisher suitable for surrounding fire, e.g., water fog, CO₂, dry chemicals foam.

Special Fire Fighting Procedures: Fire Fighters should wear full protective clothing and breathing apparatus.

Unusual Fire and Explosion Hazards: None Known

Section IV: Reactivity

Stability: Stable at ambient temperatures and pressures.

Conditions to Avoid: None Known

Incompatibility (Materials to Avoid): Strong Oxidizing agents, Bleaches, strong acids.

Hazardous Decomposition Products: As with any organic compound, burning of product can generate carbon dioxide and/or carbon monoxide.

Hazardous Polymerization: Will not occur.

Section V: Health Hazard Data

Mean Green is formulated to be used full strength on difficult jobs or diluted with water for normal jobs. If product is used full strength, the following precautions should be taken if performing large jobs. (Sections 5, 6, 7, 8)

Route(s) of Entry: Inhalation, Ingestion, skin and eye contact.

Eyes (acute): Contact causes irritation. Avoid prolonged contact.

Skin (acute): Contact can irritate the skin. Prolonged contact can cause skin irritation.

Inhalation: Exposure to mists may cause irritation.

Ingestion: Can cause irritation of the mouth, throat, and digestive tract.

Skin Absorption: Glycol ether is absorbed through the skin and over exposure may cause systemic effects such as headache, dizziness, and nausea.

Section VI: Emergency and First Aid Procedures

Eye Contact: Immediately rinse with large amounts of water for at least 15

	minutes, occasionally lifting upper and lower lids. Obtain medical attention.
Skin Contact:	Remove all contaminated clothing. Flush contaminated skin with large quantities of water. Obtain medical attention if irritation persists. Launder clothing before reuse.
Inhalation:	Move to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration.

Section VII: Precautions for Sale handling and Use

Steps to be taken in case material is released or spilled:

In case of any spill consult local, state, or EPA regulations authorities for guidelines.

Section VIII: Control Measures When Product is Used Full Strength on Large Tasks and Overhead

Respiratory Protection: None normally required.

Ventilation: Provide ventilation (general and/or local exhaust) to maintain exposure below TLV.

Eye Protection: Safety glasses with side shields or chemical safety goggles.

Skin Protection: Chemical resistant apron. Impervious clothing, rubber gloves.

Other Protective Clothing or Equipment: Safety shower and eye wash station.

N/D = Not Determined

N/A = Not Applicable

This information is provided as a customer service and to the best of our knowledge is current and accurate. It's user's obligation to determine the conditions of safe use of the product.

Section IX: Other Regulatory Information

A. Mean Green HMIS

Health 2

Flammability 0

Reactivity 1

Personal Protection B

B. VOC Content 4.1%

C. SARA 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements if section 313 of the Emergency Planning and Community Right-to-know Act of 1986 (40 CFR 372)

CAS# 111-76-2	Chemical name: 2-butoxyethanol	% by weight: 4.0
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State right to know: NJ, PA, MA

Water	7732-18-5
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2-butoxyethanol	111-76-2
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Ethoxylated alcohol	9016-15-9
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Tetrasodium ethylenediamine tetraacetate	64-02-8
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Sodium Silicate 1344-09-8

D. This product may contain the following material in excess of threshold limits listed in California Proposition 65 as a potential carcinogen:

Ethylene oxide CAS# 75218

In case of an emergency please call: 1-800-886-5000