

Mean Green Super Strength Cleaner & Degreaser

Material Safety Data Sheet

Manufacturer CR Brands, Inc. PO Box 2708, Spartanburg, SC 29304 864-587-9308
Preparation Date May, 2009
Product Name Mean Green Super Strength Cleaner & Degreaser
Product Description A detergent compound containing builders, 2-butoxyethanol, surfactant, and water.
UPC # (32 oz.) 7-20547-00100-0
(40 oz.) 7-20547-00140-6
(Gal.) 7-20547-00101-7

Section I- Hazardous Ingredients

Hazardous Ingredients	ACGIH TLV	OSHA PEL	CAS#	%
2-butoxyethanol	25ppm skin	50ppm skin	111-76-2	2.0-7.0
Tetrasodium EDTA	None established		64-02-8	1.0-5.0

Section II - Physical Data

ph	11.8 - 12.2	Boiling Point	N/D
Vapor Pressure	N/D	Melting Point	N/A
Solubility In Water	Complete	Evap. Rate (Ether=1)	<1
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 temperature 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.
Carcinogenicity: NTP?- No; IARC Monographs? -No OSHA Regulated- Yes,(butoxyethanol)
Medical Conditions Generally Aggravated by Exposure: Persons with impaired pulmonary function may be at increased risk of exposure

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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.
Ingestion	Drink plenty of water. Consult physician if necessary.

Section VII- Precautions for Safe 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 & 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 Super Strength Cleaner & Degreaser HMIS

Health 2

Flammability 0

Reactivity 1

Personal Protection B

Density- 1.015

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)

D. State right to know:	CAS#: 111-76-2	Chemical name: 2-butoxyethanol	% by weight: 4.0	
		NJ, PA, MA		
		Water	7732-18-5	
		2-butoxyethanol	111-76-2	
		Ethoxylated alcohol	9016-45-9	
		Tetrasodium ethylenediamine tetraacetate	64-02-8	
		Sodium Silicate	1344-09-8	

E. 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

