

MATERIAL SAFETY DATA SHEET**SECTION 1 - PRODUCT SOURCE AND IDENTITY**

Supplier identity and address	Product description:	Date: February 11, 2008
Biosolutions, LLC 1811-E Hayes Grand Haven, MI 49417 616-846-1210	Name: 400 CT Super Concentrate Purpose: Heavy duty floor cleaner	
Emergency telephone: 1-800-535-5053	Proprietary Formula Code: 400CTSC	Product information:

SECTION 2 - SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number	
Not regulated	
Labels required per 49 CFR 172.101:	None
Size for "Limited quantity" per 49 CFR 173.150-.155:	Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package

SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200	Exposure Limit Values					
CAS#	313	Material or Component	%	RQ#	TWA	STEL
111-76-2	Yes	2-Butoxy ethanol	<20	None	20 ppm Skin	
1310-58-3	Yes	Potassium Hydroxide	<10	N/A	N/A	

Also contains non phenolic biodegradable detergents which may contribute to eye and skin irritation.

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2001" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any, have been neutralized or denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 25501(k) & (l), CCR Title 22, Sec 66261.21- .24, and Appendix X of 22 CCR Chapter 11, Article 4.

Emergency overview: Aggressive water based cleaner. Use good industrial safe practices.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8 & 173, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	Yes	No	No	
Delayed	No	XXX	XXX	XXX	

HMIS Hazard Ratings: Health 2 Fire 0 Instability 0 Other--wear appropriate safety equip.

NFPA Hazard Ratings: Health 2 Flammability 0 Reactivity 0 Special N/A

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Threshold limit value: Not established on product.

TOSCA Status: All ingredients listed CERCLA RQ: See Sec 2.

California Prop. 65: None

SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark green liquid	Flash point deg. F (cc):	None
Odor:	Solvent Odor	Initial boiling point deg. C:	NA
Specific gravity:	>1	Vapor pressure 20 deg C:	NA
pH reaction:	Alkaline	Freezing point deg. C:	NA
% phosphorous:	None	Solubility in water:	100%
VOC content:	100g/l		

California Rule 102 (66): Contains no photochemically active materials.

Reproductive implications:	None
Ingredients on cancer lists:	None

SECTION 5 - SAFE HANDLING AND STORAGE

General	Avoid contact with eyes and skin. Wash off immediately after contact. Do not breathe mists. Keep lid on containers when not in use. Keep away from children.
Protective equipment	
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.
Skin	Impermeable gloves such as rubber, PVC or neoprene are recommended.
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.
Ventilation	As required for worker comfort.
Other	None

SECTION 6- HEALTH SAFETY DATA

Effects of chronic over exposure	
Eyes	None.
Skin	Can cause irritation from defatting the skin.
Inhalation	Dust and mists may be irritating to breathing passages.
Ingestion	Not a likely source of chronic exposure.

SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA

Explosive limits	Flash point:	See Sec 4
Lower None	Upper None	Conditions to avoid: None known
Chemical stability	Stable	Hazardous decomposition products: None known.
Hazardous polymerization	Cannot occur	Incompatibility: None known.

SECTION 8- EMERGENCY RESPONSE PROCEDURES

Fire	Extinguishing media	Use media appropriate to source of fire.
	Unusual hazards	None
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention.
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion	Dilute by giving large amounts of water or milk. Get medical attention. Do not induce vomiting.
Spills	Small / large spill	Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways.

Product has none of the characteristics of a hazardous waste.

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