

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 11/01/2004

Code: 1635

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Custom Solutions	Emergency Phone: 800.309.5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By: LPL
Trade Name: Samson	Product Type: All Purpose Cleaner/Degreaser Concentrate

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Dipropylene Glycol Methyl Ether	34590-94-8	1-10%	100ppm (TWA); 150ppm	No
Sodium Carbonate	497-19-8	1-10%	None Established	No
Nonionic Surfactant	9016-45-9	1-10%	None Established	No
Tetrasodium EDTA	64-02-8	1-5%	None Established	No
Water	7732-18-5		None Established	No

SECTION 3 - PHYSICAL DATA

Boiling point (°F.) 212°F	Specific Gravity (H2O=1.0) 1.04 ± 0.005	pH 12.8 ± 0.5
Vapor Pressure (mm Hg) Not Determined	Vapor Density (Air=1) Not Determined	
Solubility in water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate (vs. H2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Appearance and Odor	Clear green-colored liquid with citrus odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits N/A	Upper Lower
Extinguishing Media Product is noncombustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored.		
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.		
Unusual Fire and Explosion Hazards None		

SECTION 5 - REACTIVITY DATA

Stability Stable	Incompatibility Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products Burning may produce oxides of carbon and other substances.	

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute) Direct contact with eyes may cause mild to moderate irritation with local redness and swelling of conjunctiva. Prolonged or repeated skin contact may cause irritation. Ingestion may cause irritation of mouth, throat and stomach with possible nausea and vomiting. Excessive inhalation of vapors may cause respiratory tract irritation and central nervous system effects including headache and nausea.
Signs and Symptoms of Overexposure (Chronic) None currently known.
Medical Conditions Aggravated by Overexposure An existing dermatitis.
Carcinogen or Suspect Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes Flush with water for at least 15 minutes and call a physician immediately.
Skin Wash with large amounts of soap and water. If irritation persists, consult a physician.
Ingestion Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection Not required under normal use conditions with good ventilation.
Ventilation Requirements Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/> Eye Protection Safely Glasses/Goggles
Protective Gloves Rubber/PVC Other Protective Clothing Protective clothing appropriate to minimize contact during specific operations.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Waste Disposal Methods	Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle, or proper disposal.
Dispose of in an approved waste facility according to Federal, State and local regulations.	

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to Be Taken In Handling and Storage	No special requirements if product is handled according to good manufacturing practices. Keep container closed when not in use. Wash thoroughly after handling. D.O.T. Classification : Not regulated
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME