

MATERIAL SAFETY DATA SHEET

MSDS Date: 4/25/07
 Supersedes: 10/13/05

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Super Solve
PRODUCT DESCRIPTION: Clear Green Liquid
CHEMICAL FAMILY: Alkaline Detergent
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Sodium Metasilicate	88-24-90	0-6	N/A	N/A
Glycol Ether EB		0-5	25 ppm	25ppm

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT: 212°F	SPECIFIC GRAVITY: 1.02
VAPOR PRESSURE: N/A	% VOLATILE BY VOLUME: 82%
VAPOR DENSITY: N/A	EVAPORATION RATE: as water
SOLUBILITY IN WATER: Soluble	FREEZING POINT: 30-32°F
PHOSPHOROUS CONTENT: <1%	pH @ 100%: 11-12%
APPEARANCE AND ODOR: Clear green liquid with slight solvent smell	

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: >180 F **FLAMMABLE LIMITS:** NA
EXTINGUISHING MEDIA: Foam and Water
SPECIAL FIREFIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:	FIRST AID PROCEDURES:
INGESTION: Severe irritation to mouth, stomach, esophagus	INGESTION: Give plenty of water, do NOT induce vomiting. Seek medical attention.
SKIN: Severe irritation may occur	SKIN: Wash with plenty of water
EYES: Severe irritation may occur	EYES: Rinse with plenty of water
INHALATION: Severe irritation to mucous membrane and respiratory tract	INHALATION: Remove to a well ventilated area.
IN ALL CASES: Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.	

Section 6: REACTIVITY DATA

STABLE: X **UNSTABLE:**
CONDITIONS TO AVOID: Excessive heat
INCOMPATIBILITY: Strong acids and oxidizers, aluminum and aluminum alloys
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, Ammonia gas, phosphorus oxide
HAZARDOUS POLYMERIZATION OCCURS: **DOES NOT OCCUR:** X

Section 7: STORAGE, HANDLING AND USE

STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED: If not prohibited by fed, state, county, or local laws, absorb spills with absorbent material. Wash surface with water.
WASTE DISPOSAL METHOD: Use absorbent material for small spills, for larger spills dispose in accordance with local, state and federal regulations.
HANDLING AND STORAGE: Store away from excessive heat and open flame.

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: None required during normal use.
VENTILATION: Sufficient ventilation (Moving air)
PROTECTIVE GLOVES: Vinyl, Rubber
EYE PROTECTION: Safety goggles
OTHER EQUIPMENT: None

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: Non-Regulated
CALIFORNIA PROP. 65: Contains trace of ethylene oxide
FREIGHT BILL CLASSIFICATION: Liquid Detergent

Section 10: OTHER INFORMATION

SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN!
 HMIS Ratings (0=Minimal, 1= Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)
 Health: 2 Flammability 0 Reactivity: 0

N/A = Not Applicable N/E = Not Established

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