

MATERIAL SAFETY DATA SHEET

MSDS Date: 7/28/06
 Supersedes:

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Krystal Klear
PRODUCT DESCRIPTION: Liquid Solvent Cleaner
CHEMICAL FAMILY: Synthetic Detergent
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Glycol Ethan	111-76-2	0-65%	25 ppm	25 ppm

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT:	>200° F	SPECIFIC GRAVITY:	0.95
VAPOR PRESSURE:	0.9 mm @ 25° C	% VOLATILE BY VOLUME	90
VAPOR DENSITY:	4.8 (Air=1)	EVAPORATION RATE:	0.08 (B. Acetate=1)
SOLUBILITY IN WATER:	Complete	FREEZING POINT:	25-30° F
PHOSPHOROUS CONTENT:	0%	pH @ 100%:	8-Jul
APPEARANCE AND ODOR:	Light red clear liquid with solvent smell		

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: 150°F co° **FLAMMABLE LIMITS:** 1% lower
EXTINGUISHING MEDIA: CO₂, water
SPECIAL FIREFIGHTING PROCEDURES: none
UNUSUAL FIRE AND EXPLOSION HAZARDS: Heated closed containers may rupture

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:	FIRST AID PROCEDURES:
INGESTION: May cause nausea, dizziness, head ache & vomiting	INGESTION: Induce vomiting give plenty of water and seek medical help
SKIN: May cause irritation and dryness	SKIN:
EYES: Irritating to eyes, may cause corneal damage	EYES: Flush eyes with plenty of water
INHALATION: May cause nausea, narosis and internal organ damage	INHALATION:
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 oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur and nitrogen
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, local, county, or local laws, absorb spill with absorbent material. Wash surface with plenty of water
WASTE DISPOSAL METHOD: Dispose in accordance with State local & Federal regulations
HANDLING AND STORAGE: Store away from excessive heat and water

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: Niosh approved
VENTILATION: Moving air in work area
PROTECTIVE GLOVES: Latex or vinyl
EYE PROTECTION: Safety Goggles
OTHER EQUIPMENT: None required

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: None regulated in non bulk shipments
CALIFORNIA PROP. 65: Not regulated
FREIGHT BILL CLASSIFICATION: Cleaning Compounds

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: 3 Flammability 2 Reactivity: 0

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

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