

Scotch Plaid, Inc.

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Dallas, Texas 75220
(214)358-2575

MATERIAL SAFETY DATA SHEET

MSDS Date: 10/13/05
Supersedes:

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Acid Arch
PRODUCT DESCRIPTION: Clear, slightly tan liquid
CHEMICAL FAMILY: Acid detergent
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Phosphoric Acid	7-66A-38-2	0-35	1mg/m ³	1mg/m ³
Sulfuric Acid	7664-93-9	0-1	1mg/m ³	1mg/m ³
Dodecyl Benzene Sulfuric Acid	6854-22-5	0-4	1mg/m ³	1mg/m ³
Glycol Either EB	000111-76-2	0-4	25 ppm	20 ppm

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT: >200° F
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Soluble
PHOSPHOROUS CONTENT: None
APPEARANCE AND ODOR: Clear, slightly tan liquid with slight acid odor

SPECIFIC GRAVITY: 1.05
% VOLATILE BY VOLUME: 56
EVAPORATION RATE: N/D
FREEZING POINT: <30° F
pH @ 100%: 2-Jan

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: >200° F
EXTINGUISHING MEDIA: Foam, water
SPECIAL FIREFIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

FLAMMABLE LIMITS: N/D

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:
INGESTION: Harmful or fatal if swallowed
SKIN: Cause skin burns
EYES: Cause eye burns
INHALATION: Vapor may cause severe irritation to respiratory tract

FIRST AID PROCEDURES:
INGESTION: Give plenty of water-do not induce vomiting-seek immediate medical attention.
SKIN: Rinse with plenty of water
EYES: Rinse with plenty of water
INHALATION: Remove person to 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 alkalis, oxidizers & metals
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ oxides of phosphorous & sulphur
HAZARDOUS POLYMERIZATION OCCURS: DOES NOT OCCUR: X

Section 7: STORAGE, HANDLING AND USE

STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED:

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, & federal regulations
HANDLING AND STORAGE: Store in plastic containers away from excessive heat

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: NIOSH approved respirator
VENTILATION: Adequate ventilation with moving air
PROTECTIVE GLOVES: Vinyl, rubber
EYE PROTECTION: Full eye shield
OTHER EQUIPMENT:

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: Corrosive hazard class B UN 1805, III
CALIFORNIA PROP. 65: Contains trace of ethylene oxide CAS 75-21-8
FREIGHT BILL CLASSIFICATION: Corrosive liquid

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: 1

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

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