

MATERIAL SAFETY DATA SHEETMSDS Date: 6/28/02
Supersedes: 6/9/99**Section 1: PRODUCT IDENTIFICATION**

PRODUCT NAME: **Blizzard**
PRODUCT DESCRIPTION: A concentrated liquid foam brush soap with antifreeze additives to provide a wider temp. range
CHEMICAL FAMILY: Liquid mixture
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Isopropanol	67-63-0	<11%	100ppm	100ppm
Ethylene Glycol	107 - 21 - 1	<20%	125mg/m ³	100mg/m ³

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT: 212 °F
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Complete
PHOSPHOROUS CONTENT: None
APPEARANCE AND ODOR: An amber liquid with alcohol - like odor.

SPECIFIC GRAVITY: 1.03
% VOLATILE BY VOLUME: 75 - 85%
EVAPORATION RATE: N/A
FREEZING POINT: N/E
pH @ 100%: 9.75 - 10.75%

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT: >170°F
EXTINGUISHING MEDIA: CO₂ or dry chemical
SPECIAL FIREFIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

FLAMMABLE LIMITS: N/E

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:
INGESTION: May cause nausea, vomiting, and diarrhea.
SKIN: Prolonged exposure may cause irritation.
EYES: Causes irritating burning sensation

FIRST AID PROCEDURES:
INGESTION: Consult doctor. Do not induce vomiting, drink large amounts of water.
SKIN: Wash thoroughly with soap and water.
EYES: Flush immediately with cool water for 15 minutes.

INHALATION: May cause dizziness or nausea over long periods of time.
INHALATION: Move to well ventilated area for fresh air.

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: Do not mix with anything but water. Avoid flame.
INCOMPATIBILITY: Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, oxides of 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, state, county, or local laws, absorb spill with absorbent material. Wash surface with plenty of water.
WASTE DISPOSAL METHOD: Approved chemical dump.
HANDLING AND STORAGE: Store in cool or warm areas. Do not overheat or freeze.

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION: None required in adequately ventilated area.
VENTILATION: None
PROTECTIVE GLOVES: Chemical resistant
OTHER EQUIPMENT: Aprons if desired.
EYE PROTECTION: Safety glasses or goggles

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: Not DOT regulated in non-bulk shipments.
CALIFORNIA PROP. 65: Contains traces of ethylene oxide CAS # 75-21-8
FREIGHT BILL CLASSIFICATION: Cleaning Compound

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: 2 Reactivity: 0

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

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