

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTITY: SPLASH R/V AND MARINE ANTIFREEZE

SECTION 1 - MANUFACTURER'S INFORMATION

Manufacturer: Fox Packaging Company
51 East Maryland Avenue
St. Paul, MN 55117-4615

Telephone: (651) 489-8211

Facsimile: (651) 489-8247

Trade Name: Propylene Glycol - Inhibited

Chemical Family: Polyalcohol

Formula: CH₃CHOHCH₂OH

CAS NO: 57-55-6

Chemical Transportation Emergency Center (for immediate information about a chemical or to seek assistance from a manufacturer): 1-800-424-9300

SECTION 2 - NORMAL HANDLING PROCEDURES

Precautions To Be Taken In Handling And Storage: Avoid contact with eyes, skin, or clothing. Do not take internally. Upon contact with skin or eyes, wash off with water. Avoid breathing mist or vapor. Store in a cool, dry well-ventilated place.

Protective Equipment:

Eyes: Goggles
Gloves: Impervious
Other: Not required

Ventilation Requirements:

None beyond good room ventilation normally required.

SECTION 3 - HAZARDOUS INGREDIENTS

Basic Material	%	OSHA PEL	LD50	LC50	Significant Effects
Propylene Glycol	14	None Established	>10 g/kg	No Data	Practically non-toxic mild skin and eye irritant.
Dipotassium Phosphate	.2	None Established	THIS PRODUCT IS NOT SUBJECT TO SECTION 313 OF TITLE III OF S. A. R. A.		
METHANOL CAS 67-56-1 UN 1230	1	200 ppm (260 mg/m ³) 8-Hour TWA (Skin)			
ETHANOL CAS# 64-17-5 UN 1770	6	200 ppm (260 mg/m ³) 8-Hour TWA (Skin)			
ETHYLENE GLYCOL BUTYL ETHER (BUTYL CELLOSOLVE) CAS 111-76-2	<1	25ppm (260 mg/m ³) 8-Hour TWA (Skin)			

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point Method: 225°F COC

OSHA Classification: Not Regulated
(Ignitable)

Flammable Explosive Limit: Lower: 2.6 Upper: 12.5

Extinguishing Media: Water spray, dry chemical, alcohol, foam or carbon dioxide.

Special Fire Hazard & Fire Fighting Procedures: Water spray should be used to cool fire exposed containers and/or to disperse unignited vapors. Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

SECTION 5 - HEALTH HAZARD DATA

Threshold Limit Value: None established.

Symptoms of Over Exposure: Practically non-toxic. Mild skin and eye irritant. May cause diarrhea by oral ingestion.

Emergency First Aid Procedures:

Skin: Flush with water. If an irritation develops, call a physician.

Eyes: Flush with water for 15 minutes, call a physician.

Ingestion: Drink water to dilute.

Inhalation: Remove victim to fresh air.

SECTION 6 - TOXICOLOGY (PRODUCT)

Acute Oral LD 50

>10 g/kg

Acute Dermal LD 50

>2 g/kg

Acute Inhalation LC 50

No Data

Carcinogenicity: Not known to be a carcinogenic.

Mutagenicity: Not known to be a mutagenic.

Eye Irritation: Slight irritant.

Primary Skin Irritation: Slight irritant.

Principal Routes of Absorption: Inhalation.

Effects of Acute Exposure: May cause diarrhea by oral ingestion. May be a slight irritant.

Effects of Chronic Exposure: May be a skin sensitizer in some individuals.

SECTION 7 - SPILL AND LEAKAGE PROCEDURES (CONTROL PROCEDURES)

Action for Material Release or Spill: Wear goggles, coveralls, impervious gloves and boots. Add dry absorbent, shovel or sweep up. Place in an appropriate container and seal. Wash all contaminated clothing before reuse. In the event of a large spill, call the emergency telephone number shown on the front of this sheet.

Waste Disposal Method: Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures

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SECTION 8 - SHIPPING DATA

D. O. T. - Not regulated.

SECTION 9 - REACTIVITY DATA

Stable: Yes **Unstable at:** ____C ____F

Hazardous Polymerization: May occur -
Will not occur - XXX

Conditions to Avoid: Extreme heat

Incompatibility (Material to Avoid): Strong oxidizers

Hazardous Decomposition Products: Carbon Monoxide. Carbon Dioxide.

SECTION 10 - PHYSICAL DATA

Melting Point: No data

Vapor Pressure: 0.5mmHg/20°C

Volatiles: No data

Boiling Point: 370°F

Solubility in Water: Soluble

Evaporation Rate: No data

Specific Gravity: 1.038
(H2O=1)

Ph: No data

Vapor Density: No data
(AIR=1)

Date Prepared: March 23, 2005

MSDS – SPLASH RV & Marine Anti-Freeze

PAGE 3 OF 3