

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

SOLV-IT! (180050)

*Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.*

Section I

Manufactured For: Beaver Research Company		Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road, Portage, MI 49002		Telephone Number For Information 269-382-0133
HMIS RATINGS: 4=Severe 1=Slight 3=High 0=Minimal 2=Moderate	Health: 1	Date Prepared 11/21/03
	Flammability: 2	
	Reactivity: 0	Signature of Preparer (optional)
	Special Protection: B	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Benzyl Alcohol	100-51-6	No	25ppm		30-60%
Isopropyl Alcohol	76-63-0	No	N/A		15-20%
Propylene Glycol	57-55-6	No	N/A		2-6%
Diethylene Glycol Monoethyl Ether	111-90-0	No	N/A		6-15%

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H2O = 1)	1.00
Vapor Pressure (mm Hg)	N/A °F	% Volatile by Volume	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Complete	pH 10.0-12.0		
Appearance and Odor Clear liquid, Alcohol odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 120 °TCC	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Water fog, CO ₂ , halon system, foam			
Special Fire Fighting Procedures Minimize prolonged skin and eye contact. Wear eye protection if exposure is likely.			
Unusual Fire and Explosion Hazards			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)			
Strong acids and materials not resistant to alkalis.			
Hazardous Decomposition or Byproducts			
If in a fire: CO, CO ² , and hydrocarbons			
Hazardous	May Occur		Conditions to Avoid
Polymerization	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	No

Health Hazards (Acute and Chronic)

Skin: Extended contact may cause irritation. Prolonged contact with 2-butoxyethanol may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Flush skin with water for 15 minutes. Wear protective gloves if needed. Get medical attention for any irritation. **Eyes:** Can cause irritation. Wear goggles as needed. Flush immediately with water for 15 minutes. Get prompt medical attention if needed. **Ingestion:** May cause irritation in mouth and throat. Also may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Rinse mouth. Drink lots of water or, preferably juices or dilute vinegar. Do not induce vomiting. Get medical attention if effects persist. **Inhalation:** Breathing of mists may cause irritation. Remove to fresh air. Give artificial respiration or oxygen if needed.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure

Emergency and First Aid Procedure

See above "Health Harzards (Acute and Chronic)"

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Do not drain to sewer without dilution. Larger spills should be contained by diking or other methods and held for disposal or reuse.

Waste Disposal Method

Neutralized product may be disposable in sewers if local regulations permit. Otherwise send to a licensed treatment facility.

Precautions to be Taken in Handling and Storage

Check daily for any leaks from containers, vessels, pumps, and piping. Have water hoses and acid convenient.

Other Precautions

In an enclosed area ventilate in any suitable manner

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust	Special
	Mechanical(General)	Other

Protective Gloves

Wear gloves as needed.

Eye Protection

Wear goggles as needed.

Other Protective Clothing or Equipment

Work/Hygienic Practices
