

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 COIL SOLV (120457)	<i>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.</i>
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Section I	DOT Hazard Classification: ORM-D
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Manufactured For: Beaver Research Company	Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
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Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road Portage, MI 49002	Telephone Number For Information 269-382-0133
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NFPA/HMIS RATINGS:	Health: 2/2	Date Prepared 8/02/00
	Flammability: 0/0	Signature of Preparer (optional)

	Reactivity: 0/0	
	Special/Personal Protection: 0/B	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	SARA III List	Carcinogen Ref. Source**
Trichloroethylene	79-01-6	50ppm	50ppm	Yes	b
Carbon Dioxide	124-38-9	5000ppm	5000ppm	No	d

WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1) Concentrate Only	1.45
Vapor Pressure PSIG @ 70°F (Aerosols)	85-100	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature)	N/A
Vapor Density (AIR = 1)	N/E	Evaporation Rate (n-butyl Acetate = 1) (concentrate only)	2.1
Water Reactive	No		
Solubility in Water		pH	N/A
Insoluble		Total VOC	96.5%

Appearance and Odor
Clear, colorless spray with chlorinated solvent odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
Foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures
Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards
Do not expose aerosols to temperatures above 130°F or the container may rupture.

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable		

Incompatibility (Materials to Avoid)
Reactive metals, aluminum, magnesium, strong oxidizing agents.

Hazardous Decomposition or Byproducts
CO₂, CO, HCl, small amounts of phosgene and chlorine.

Hazardous Polymerization	May Occur	Conditions to Avoid	Open flame, welding arcs, heat.
	Will Not Occur		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	--

Health Hazards (Acute and Chronic)

Acute: Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness. **Eye Contact:** Irritation. **Skin Contact:** Irritation due to defatting of skin. **Ingestion:** Possible chemical pneumonitis if aspirated into lungs. Nausea.

Chronic: (Effects due to excessive exposure to the raw materials of this mixture) May cause liver abnormalities, kidney, spleen, lung or brain damage, cardiac abnormalities. Trichloroethylene has been shown to increase the rate of spontaneously occurring malignant tumors in certain laboratory rats and mice.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

May aggravate existing eye, skin or upper respiratory conditions.

Emergency and First Aid Procedure

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. **Skin Contact:** Wash with soap and water. If irritated, seek medical attention. **Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention. **Ingestion:** DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. Allow to evaporate if small spill. DO NOT FLUSH TO SEWER.

Waste Disposal Method

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions to be Taken in Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid inhalation of vapors.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Adequate	Other	N/A

Protective Gloves

Neoprene gloves recommended.

Eye Protection

Safety glasses recommended.

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

Wash with soap and water before handling food. Remove contaminated clothing.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only