



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
Occupational Safety and Health Administration

Identification (As Used on Label and List)
SOLVALL

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

Section I

Manufacturer's Name	Emulso Corporation
Address (number, street, state & zip code)	301 Ellicott Street Buffalo, New York 14203
Emergency Phone Number	716-854-2889
Telephone Number for Information	716-854-2889
Date Prepared February 2006	Signature of Preparer (optional)

Section II - Hazards Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name (s))	
OSHA PEL	Ethylene Glycol Mopnobutyl Ether 50 ppm
ACGIH TLV	
Other Limits Recommended	Aromatic Hydrocarbons 200 ppm
% (optional)	

Section III - Physical/Chemical Characteristics

Boiling Point 290 F	Specific Gravity (H2O=1) 0.93
Vapor Pressure (mm Hg) 0.078 mm	Melting Point N/A
Vapor Density (AIR=1) 3.4	Evaporation Rate (Butyl acetate = 1) 0.01
Solubility in Water Complete	
Appearance and Odor Colorless; Slight solvent odor	

Section IV - Fire & Explosion Hazard Data

Flash Point (method used) 140 F (PMCC)	
Flammable Limits	LEL 1.1% UEL 8.6%
Extinguishing Media	Foam, Carbon Dioxide, Dry chemical, Water fog.
Special Fire Fighting Procedures	Normal combustion causes carbon dioxide and water vapors. Incomplete combustion can form carbon monoxide.
Unusual Fire and Explosion Hazards	None.

Section V - Reactivity Data

Stability	Conditions to Avoid N/A
Unstable	
Stable X	Can affect some plastics, paints and fugitive dyes.
Incompatibility (materials to avoid)	None known.
Hazardous Decomposition or Byproducts	Carbon dioxide or carbon monoxide.
Hazardous Polymerization	Conditions to Avoid
May Occur	
Will Not Occur X	



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Section VI – Health Hazard Data

Route(s) of Entry	Inhalation? Yes Skin? Yes Ingestion? Yes
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Health Hazards (<i>Acute and Chronic</i>)	Prolonged inhalation of vapors; nausea, drowsiness. Skin: local irritation, dryness, chapping or dermatitis. Ingestion: diarrhea, nausea, cramps. Eyes: irritation.
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Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure	See health hazards.
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Medical Conditions Generally Aggravated by Exposure	Possible pre-existing skin or respiratory disorders.
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Emergency and First Aid Procedures	Inhalation: remove to fresh air. Ingestion: DO NOT INDUCE VOMITING; seek medical attention. Skin: flush with water. Eyes: flush with water for 15 minutes seek medical attention.
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Section VII – Precautions for Safe Handling and Use

Steps Taken in Case Material is Released or Spilled	Absorb with inert material; or, dilute with water.
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Waste Disposal Method	Incineration; or, rinse to sanitary drain at dilution ratio of 3 ml per liter of water.
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Precautions to Be Taken in Handling And Storing	Store in cool place. Combustible product-keep away from open flame.
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Other Precautions	Keep container closed when not in use. Keep out of reach of Children.
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Section VIII – Control Measures/Personal Protective Equipment

Respiratory Protection (Specify Type)	Increased ventilation or respirator if concentration of vapors exceeds TLV limits.
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Ventilation – Local Exhaust	If needed.	Special	N/A
Mechanical (General)	N/A	Other	N/A

Protective Gloves	Nitrile gloves recommended.	Eye Protection	Chemical-safe goggles if splashing possible.
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Other Protective Clothing or Equipment	Not normally required.
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Work/ Hygienic Practices	Wash hands thoroughly after handling; use of lanolin based lotion suggested.
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