

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
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List) LIFT	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 Detergent/Disinfectant-Surfactant Blend EPA Reg. #1839-103-45765	
Manufacturer's Name ALPINE PRODUCTS, INC.	Emergency Telephone Number 253-351-9828
Address (Number, Street, City, State, and Zip Code) 117 "G" ST. S.W.	Telephone Number for Information 253-351-9828
AUBURN, WA 98001	Date Prepared NOVEMBER, 1999
	Signature of Preparer (optional) BART FARRAR

Section II- Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s))				
	OSHA PEL	ACGIH TLV	OTHER LIMITS Recommended	% (Optional)
ETHYLENE GLYCOL N-BUTYL ETHER	50 ppm	25 ppm		
(LESS THAN 10%) CAS# 111-76-2				
AMMONIUM HYDROXIDE				
(LESS THAN 3%) CAS NUMBER 1336-21-6				

Section III - Physical/Chemical Characteristic			
Boiling Point	1	Specific Gravity (H ₂ O = 1)	1.06
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate WATER = 1	1
Solubility in Water COMPLETE			
Appearance and Odor RED LIQUID-SLIGHT AMMONIA ODOR			

Section IV- Fire and Explosion Hazard Data			
Flash Point (Method Used) N/A	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media NON-FLAMMABLE, WATER SOLUTION			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid NONE
	Stable	X	

Incompatibility (*Materials to Avoid*)
ACIDIC PRODUCTS

Hazardous Decomposition or Byproducts
NONE

Hazardous Polymerization

May Occur		Conditions to Avoid NONE
Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
		X	

Health Hazards (*Acute and Chronic*)
CONTACT WITH EYES CAUSES IRRITATION. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE DRYNESS.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
NONE	N/A	N/A	N/A

Signs and Symptoms of Exposure
PROLONGED CONTACT MAY CAUSE IRRITATION OR DRYNESS OF SKIN.

Medical Conditions
Generally Aggravated by Exposure **DERMATITIS, OPEN SORES, BURNS, WOUNDS, RASHES.**

Emergency and First Aid Procedures.
SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR 15 MIN. INGESTION: DO NOT INDUCE VOMITING, CALL PHYSICIAN IMMEDIATELY.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled.
SMALL SPILL: SOAK UP WITH ABSORBENT MATERIAL. SHOVEL INTO WASTE CONTAINER. FLUSH AREA WITH WATER.

LARGE SPILL: RECOVER SPILLED MATERIAL FOR REPROCESSING, OR DISPOSAL.

Waste Disposal Method
DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS

Precautions to Be Taken in Handling and Storing
PROTECT FROM HIGH HEAT AND FREEZING

Other Precautions
USE GOOD HOUSEKEEPING PROCEDURES

Section VIII- Control Measures

Respiratory Protection (*Specify Type*)
NOT REQUIRED

Ventilation

Local Exhaust NOT REQUIRED	Special NONE
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Mechanical (<i>General</i>) NOT REQUIRED	Other NONE
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Protective Gloves NOT REQUIRED BUT CAN BE USED	Eye Protection SAFETY GLASSES
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Other Protective Clothing or Equipment
NONE

Work/Hygienic Practice
Wash hands before eating or smoking. Do not consume food or beverages while using this product.