

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)  
**ALPINE QUICK-KLEEN CONCENTRATE  
 ALL PURPOSE CLEANER**

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/**

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)
<b>ETHYLENE GLYCOL N-BUTYL ETHER 50 ppm 25 ppm</b>				
<b>CAS # 111-76-2 (LESS THAN 10%)</b>				
<b>WITH SODIUM METASILICATE IN A WATER SURFACTANT SOLUTION</b>				

30880

**Section III - Physical/Chemical Characteristic**

Boiling Point	<b>212°+</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate	<b>WATER = 1</b>

Solubility in Water  
**COMPLETE**

Appearance and Odor  
**YELLOW LIQUID—LOW ODOR**

**Section IV- Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
<b>NONE</b>	<b>NONE</b>	<b>N/A</b>	<b>N/A</b>

Extinguishing Media  
**NONE REQUIRED / NON-FLAMMABLE**

Special Fire Fighting Procedures  
**NONE**

Unusual Fire and Explosion Hazards  
**NONE**

**Section V - Reactivity Data**

Stability

Unstable		Conditions to Avoid <b>NONE</b>
Stable	<b>X</b>	

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 CONCENTRATE MAY CAUSE INFLAMATION, DRYNESS OF SKIN AND POSSIBLE DERMATITIS**

Carcinogenicity:

NTP?

IARC Monographs?

OSHA Regulated?

**NONE**

**N/A**

**N/A**

**N/A**

Signs and Symptoms of Exposure

**PROLONGED CONTACT WITH CONCENTRATE CAN CAUSE SKIN IRRITATION & DRYNESS  
CONTACT WITH EYES CAN CAUSE IRRITATION. INGESTION: COULD CAUSE NAUSEA,  
DIARRHEA**

Medical Conditions **DAMAGE TO MUCOUS MEMBRANES MAY OCCUR.**

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, IF IRRITATION  
PERSISTS GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING, GIVE  
LARGE AMOUNTS OF WATER, CALL PHYSICIAN.**

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled.

**CONTAIN & REMOVE WITH ABSORBENT MATERIAL OR SAND**

Waste Disposal Method

**DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS**

Precautions to Be Taken in Handling and Storing

**PROTECT FROM FREEZING AND HIGH HEAT**

Other Precautions

**USE GOOD HOUSEKEEPING PRACTICES**

**Section VIII- Control Measures**

Respiratory Protection (*Specify Type*)

**NONE NEEDED UNLESS APPLIED BY SPRAYING, THEN USE NIOSH APPROVED RESIRATOR**

Ventilation

Local Exhaust

**NONE REQUIRED**

Special

**NONE**

Mechanical (*General*)

**NONE**

Other

**NONE**

Protective Gloves

**NOT REQUIRED BUT CAN BE USED**

Eye Protection

**SAFETY GLASSES**

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**