

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): ProChem AD-606

Description: Abrader/Dehazer

MANUFACTURER'S NAME

Chemical Consultants, Inc.
1850 Wild Turkey Circle
Corona, CA 92880-1799 USA

DATE PREPARED/ REVISED:

July 25, 2005

PREPARER

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II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Potassium Hydroxide	1310-58-3	<6	2mg/m3	2mg/m3	
d-Limonene	5989-27-5	<12	Not Est'd	Not Est'd	
Proprietary Surfactants	Mixture	<12	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.12
Solubility in water: Complete
Vapor pressure, mmHg at 20 °C: 17.5 (Water)
Appearance and odor: High viscosity red liquid, pleasant odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 210
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 11.3

IV. FIRE AND EXPLOSION

Flash point, °F (give method): None to boiling
Auto ignition temperature, °F: None
Flammable limits in air volume %: lower (LEL) Unknown upper (UEL) Unknown
Fire extinguishing materials: water spray _____ carbon dioxide _____ other _____
foam _____ dry chemical _____

Special fire fighting procedures:

Use self contained breathing apparatus and appropriate protective clothing.

Unusual fire and explosion hazards:

None.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Store in cool dry area.

Incompatibility (materials to avoid):

Can chemically react with acids producing heat.

Hazardous decomposition products (including combustion products):

CO, CO₂, and unidentified organic compounds

Hazardous polymerization: May occur _____ Will not occur

Conditions to avoid:

None.

VI. HEALTH HAZARD INFORMATION**SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

Inhaled: Possible irritation, nausea.

Skin: Possible irritation for personnel sensitive to detergents.

Swallowed: Gastric distress, vomiting.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: Skin irritation, redness, severe eye irritant

Chronic: None Known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush with water for at least 15 minutes. Seek immediate medical attention.

Skin contact: Flush with water for at least 15 minutes. Seek immediate medical attention, if irritation persists.

Inhaled: Remove from source of irritation.

Swallowed: Do not induce vomiting. Give large quantities of milk or water to dilute. Seek immediate medical attention.

CARCINOGENICITY? YES: _____ NO:

This product's ingredients are found in this list. Federal OSHA _____ NTP _____ IARC _____ ACGIH _____

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Small spills may be wiped. Contain

large spills by diking.

Disposal Methods: RCRA Class: Not Regulated. EPA Hazardous substance reportable quantity: Not Listed. May be supplied to biological treatment plant (sewer) or incinerated.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

VIII. SPECIAL HANDLING PROCEDURES

Respiratory protection (type): NIOSH approved mask for dusts or mists recommended.

Ventilation and engineering controls: General ventilation recommended.

Eye protection (type): Safety glasses.

Gloves (specify material): Nitrile gloves for prolonged contact.

Other clothing and equipment: Adequate to prevent skin contact.

Work practices, hygienic practices: Wash hands after handling or contact.

Other handling and storage requirements: Store in cool dry area.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMS Code System Rating = Health 1; Flammability 1; Reactivity 0.

NFPA 704 Code System Rating= Health 1; Flammability; Reactivity 0

Volatile organic Compound (VOC)= 130 grams per liter or 1.08 lbs per gallon.

This product contains no chemicals on the SARA Title III, Section 313 and 40 CFR/ 372, that are subject to reporting..

This product contains no Proposition 65 designated chemicals.

Non photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons.