

# MATERIAL SAFETY DATA SHEET

## BLADE AIDE

Effective Date: April 21, 2003

Date Printed: April 21, 2003

MSDS

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **BLADE AIDE**

CHEMICAL NAME: Proprietary synthetic mixture

PRODUCT USE: Band saw coolant

**Manufactured by: Pro-west Chemicals Inc. , 200-724-11<sup>th</sup> Avenue, Calgary, Alberta, T2R 0E4**

**TEL (403)294-9044**

**EMERGENCY (24HRS):1-800-424-9300**

**Distributed by : ACT Equipment Sales Ltd., 4455 Alaska Street, Burnaby , B.C. V5C 5T3,**

**Tel (604) 294-6271**

### 2. COMPOSITION & INFORMATION ON INGREDIENTS

#### 2.A Hazardous Ingredients

<u>COMPONENT</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>	<u>% By Wt.</u>
None known			

#### 2.B Non-Hazardous Ingredients

<u>COMPONENT</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>	<u>% By Wt.</u>
Triethanolamine			1 - 10
Esters of diacids	68130-34-7		1 - 10
Preservatives			<1
Organic defoamer	110-30-5, 26061-64-3		<1
Water	7732-18-5		30-60

No hazardous ingredients according to WHMIS and Bill 70 & C-70

### 3. HAZARDOUS IDENTIFICATION

#### EMERGENCY OVERVIEW

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(See Section 9) Avoid repeated or prolonged inhalation

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HMIS RATING: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PPE: B

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#### POTENTIAL HEALTH EFFECTS

EYE: May cause irritation  
SKIN: May cause irritation  
INGESTION: May cause nausea  
INHALATION: None currently known

CHRONIC EFFECTS: Not listed as a human carcinogen by OSHA, IARC or NTP

SIGN AND SYMPTOMS: Eye or skin irritation

## **PRO-WEST CHEMICALS INC. BLADE AIDE**

### **4. FIRST AID MEASURES**

**EYES:** Flush with large amounts of water for 15 minutes. Seek medical attention.  
**SKIN:** Wash with soap and water. Remove contaminated clothing. If irritation persists seek medical attention.  
**INGESTION:** Do not induce vomiting, do not administer liquids. Obtain medical assistance.  
**INHALATION:** Remove to fresh air. If breathing has stopped, apply artificial respiration and administer oxygen. If symptoms persist, obtain medical assistance.

**NOTE TO PHYSICIANS:** Treatment of overexposure should be directed toward the control of symptoms and clinical condition.

### **5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:** Flash point > N/A  
**FLAMMABLE LIMITS IN AIR:** LEL: Not established UEL: Not established  
**EXTINGUISHING MEDIA:** Water spray, foam or carbon dioxide

#### **SPECIAL FIRE FIGHTING PROCEDURES:**

Not determined since product does not support combustion unless all of the water is evaporated.

#### **UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Intense heat will vaporize water and may increase pressure in drum to point of rupture.

### **6. ACCIDENTAL RELEASE MEASURES DISPOSAL CONSIDERATIONS**

Wear protective equipment (Section 8); stop leak at source; dike area; prevent material from entering waterway; prevent contact with strong oxidizers and reducers (See Section 7); pump material to reclaim container; use vacuum to recover material or use absorbents on remaining material; and shovel into disposal container.

Because product uses, mixtures, processes or contamination may render this material hazardous, it is the responsibility of the user/owner of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of this material and empty containers, liners and rinsate according to current local, state and federal regulations.

### **7. HANDLING AND STORAGE**

**HANDLING:** Do not wear contaminated clothing. Wash prior to eating, drinking, smoking, or use of restroom and when leaving work. Do not dispose of material or empty container to the environment.  
**STORAGE:** Do not store near open heat or flame. Keep from freezing.  
**INCOMPATIBLE MATERIALS:** Strong oxidizers or reducers.  
**VENTILATION:** Local exhaust, unless heating to vapor or mist.

## PRO-WEST CHEMICALS INC.

### BLADE AIDE

#### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

ENGINEERING CONTROLS: General room ventilation is satisfactory. Facility should be equipped with safety shower and eye wash in area.

EYE/FACE PROTECTION: Safety goggles.

SKIN PROTECTION: Oil resistant gloves.

RESPIRATORY PROTECTION: Not required under normal conditions of use. If mist is above 5 mg/m<sup>3</sup>, use NIOSH approved mask.

EXPOSURE GUIDELINES: (See Section 2)

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Translucent, water like liquid	ODOR:	Light chemical odor
PHYSICAL STATE:	Liquid	VAPOR PRESSURE:	Like water
BOILING POINT:	N/A	VAPOR DENSITY:	Not applicable
SOLUBILITY IN WATER:	Complete	pH:	9.3 +/- 0.2 @ 5%
SPECIFIC GRAVITY:	1.03 +/- 0.02 @ 68°F	EVAPORATION RATE:	Like water

#### 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal ambient and anticipated storage and handling conditions.

CONDITIONS TO AVOID: Avoid heating to decomposition and freezing.

INCOMPATIBILITY: Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

See Section 3

#### 12. TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not regulated

DOT HAZARD CLASS/DESCRIPTION: Not applicable

DOT LABEL: Not applicable

DOT PLACARD: Not applicable

DOT UN/NA NUMBER: Not applicable

SHIPPING CLASS: Class 70

TRANSPORT CANADA PIN: Not applicable

**PRO-WEST CHEMICALS INC.  
BLADE AIDE**

**13. REGULATORY INFORMATION** (Not meant to be all inclusive - select regulations represented)

U.S. FEDERAL REGULATIONS:

TSCA: Appears in TSCA Inventory

OSHA: None

CERCLA HAZARD CATEGORY: Not applicable

CANADIAN WHMIS: None

DSL: Appears on DSL List

STATE REGULATIONS: No data that material appears in any state regulation.

**14. OTHER INFORMATION**

MSDS Status: Revised April 21, 2003 (See Section 1)

This information herein is given in good faith, but no warranty, express or implied, is made. Consult Pro-West Chemicals Inc. for further information.