MATERIAL SAFETY DATA SHEET

ALDON CORPORATION
1533 W.Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. BB 15
Effective Date January 26, 1999

SECTION I NAME

24 HOUR EMERGENCY ASSISTANCE

CHEMTREC **800-424-9300**
Day 716-226-6177

Product	BALSAM, CANADA: NEUTRAL IN XYLENE
Chemical Synonyms	Balsam of Fir; Neutral in Xylene
Formula	Natural product in xylene.
Unit Size	up to 500 grams
C.A.S. No.	8007-47-4 (Balsam Canada)

NFPA HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

HMIS *	
Health	2
Fire	3
Reactivity	0

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Contains: Xylene: (CAS No. 1330-20-7)	40%	TWA: 100 ppm; 434 mg/m^3 (xylene).
WARNING! FLAMMABLE! VAPOR HARMFUL.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Unknown.	Specific Gravity (H_2O = 1)	Approx. 0.9
Boiling Point (°F)	281°-292°F (xylene).	Percent Volatile by Volume (%)	40%
Vapor Pressure (mm Hg)	19-24 @ 68°F (xylene).	Evaporation Rate (n-Butyl Acetate =1)	1.7 (xylene).
Vapor Density (Air=1)	3.7 (xylene).		
Solubility in Water	Negligible.		
Appearance & Odor	Yellowish to greenish, viscid, transparent, slightly fluorescent liquid; agreeable aromatic pine like odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

			Lower	Upper
Flash Point (Method Used)	27-32°C (81-90°F) TCC (Xylene).	Flammable Limits in Air % by Volume (Xylene)	1	7
Extinguisher Media	Carbon dioxide (CO_2); dry chemical (ABC); "alcohol" type foam.			

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 128)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce dangerous fumes and hazardous decomposition products; can react vigorously with oxidizing materials.

Ignition Temperature: 463°-527°C (867°-982°F) ASTM D 2155

D.O.T. **Flammable liquids, n.o.s. , (Xylene), 3, UN 1993, PG III**

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

BB 15

Threshold Limited Value

TWA: 100 ppm; 435 mg/m^3 (xylene).
STEL: 150 ppm; 651 mg/m^3 (ACGIH 1992-93).

Effects of Overexposure

ACUTE TOXICITY: Overexposure can lead to central nervous system depression producing such effects as headache, dizziness, nausea and loss of consciousness. **INHALATION:** High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes. **INGESTION:** Liquid ingestion may result in vomiting; aspiration (breathing in) of liquid into lungs **must be avoided** as liquid contact with lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage. **EYES:** Causes irritation. **SKIN:** May cause irritation and dermatitis.

Emergency and First Aid Procedures

INGESTION: If swallowed, do **NOT** induce vomiting, call physician immediately. Never give anything by mouth to an unconscious person. **EYES:** Flush with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, give oxygen. If symptoms of illness develop, get medical attention.

SECTION VI REACTIVITY DATA

Stability	**Unstable**		**Conditions to Avoid**
	Stable	X	Excessive temperature and heat, spark, flame.

Incompatibility (Materials to Avoid) Strong oxidizing materials.

Hazardous Decomposition Products We have no data on this product, but we would expect at least carbon monoxide, carbon dioxide, smoke.

Hazardous Polymerization		Conditions to Avoid
May Occur	**Will Not Occur**	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Absorb with an inert dry material and place in a suitable container for disposal. Wash spill area with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.

Ventilation	**Local Exhaust**	Recommended.	**Special**	No.
	Mechanical (General)	Recommended.	**Other**	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Safety glasses, smock, apron, proper gloves, fume hood, fire extinguisher.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Keep container tightly closed when not in use.

Store in a cool, dry, well-ventilated area away from flame or sparks. Wash thoroughly after handling.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid inhalation of vapor, mists or fumes
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	Date	Approved	Chemical Safety Coordinator
No. 5	1/26/99	Michael Raszeja	MR