



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. BB 05
Effective Date January 26, 1999

SECTION V HEALTH HAZARD DATA

BB 05

Threshold Limited Value TWA: 100 ppm; 434 mg/m³ (xylene) (air) (ACGIH 1992-93).
STEL: 150 ppm; 651 mg/m³.

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 not breathing, give 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	Excessive temperature and heat, spark, flame.
	Stable	X		

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	Not applicable.
May Occur	Will Not Occur		
	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) Good ventilation or work in fume hood should be sufficient.

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

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 Store in a cool, dry, well-ventilated area away from flame or sparks. Wash thoroughly after handling.
Keep container tightly closed when not in use.

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 No. 5	Date 1/26/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BALSAM, CANADA: NATURAL IN XYLENE	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>3</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	2	Fire	3	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
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Chemical Synonyms	Balsam of Fir; Natural in Xylene																	
Formula	Natural product of xylene.																	
Unit Size	up to 500 grams																	
C.A.S. No.	8007-47-4 (Balsam Canada)																	

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)	Not applicable.	Specific Gravity (H ₂ O = 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 and xylene solvent odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	27-32°C (81-90°F) TCC (Xylene).	Flammable Limits in Air % by Volume (Xylene)	Lower	Upper
			1	7

Extinguisher Media Carbon dioxide (CO₂); 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