



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.
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Hazardous Decomposition Products	We have no data on this product, but we would expect at least carbon monoxide, carbon dioxide, smoke.
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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.
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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.
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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	No.	
Protective Gloves		Rubber.	Eye Protection		Chemical safety glasses.

Other Protective Equipment	Safety glasses, smock, apron, proper gloves, fume hood, fire extinguisher.
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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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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BALSAM, CANADA: NATURAL IN XYLENE
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)

3
2
0

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

NFPA
HAZARD RATING

LEAST SLIGHT MODERATE
0 1 2

Health
Fire
Reactivity

2
3
0

HMIS *

HIGH EXTREME
3 4

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 (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