



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. BB 120  
Effective Date September 9, 1998

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	BILE SALTS	 <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>0</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	1	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	0																	
Fire	1																	
Reactivity	0																	
<b>Chemical Synonyms</b>	Ox Bile; Oxgall powder.																	
<b>Formula</b>	Natural product.																	
<b>Unit Size</b>	up to 2.5 Kg.																	
<b>C.A.S. No.</b>	Not listed.																	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Cholic Acid: (CAS No. 81-25-4)	Approx. 50%	None established.
Deoxycholic Acid: (CAS No. 83-44-3)	Approx. 45%	None established.

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

## SECTION III PHYSICAL DATA

Melting Point (°F)	Decomposes.	Specific Gravity (H <sub>2</sub> O = 1)	Unknown (Variable).
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Very soluble.		
Appearance & Odor	Yellowish-green powder; pungent odor. Very hygroscopic.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not applicable.	<b>Flammable Limits in Air % by Volume</b>	Unknown	Lower	Upper
<b>Extinguisher Media</b>	Any media suitable for extinguishing supporting fire.				

**SPECIAL FIREFIGHTING PROCEDURES**

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Dust may constitute an explosion hazard. Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. **NON-REGULATED.**

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

## SECTION V HEALTH HAZARD DATA

BB 120

**Threshold Limited Value** None established.

**Effects of Overexposure**

**INHALATION:** Low hazard for usual laboratory handling. **SKIN:** Low hazard for usual laboratory handling. **EYES:** No specific hazard known. Contact may cause transient irritation. **INGESTION:** Expected to be a low hazard.

**Emergency and First Aid Procedures**

**INHALATION:** None should be needed. Remove to fresh air. **SKIN:** Wash with soap and water. **EYES:** Flush thoroughly with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **INGESTION:** None should be needed.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizing materials.

**Hazardous Decomposition Products** Combustion will produce carbon dioxide and probably carbon monoxide and smoke.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>	Not applicable.
<b>May Occur</b>	<b>Will Not Occur</b>	
	X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled**

Sweep up and place in a suitable container.

**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 an approved incinerator.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling. If dusty conditions prevail work in fume hood or wear a NIOSH/MSHA-approved dust mask.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	<b>No.</b>
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	<b>No.</b>

<b>Protective Gloves</b>	Rubber.	<b>Eye Protection</b>	Chemical safety glasses.
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**Other Protective Equipment** Goggles, smock, apron, proper gloves, ventilation hood, eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing**

Store in a cool, dry place.  
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.

Remove and wash contaminated clothing.

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

<b>Revision</b> No. 6	<b>Date</b> 9/9/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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