




**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. BB 120  
Effective Date September 9, 1998

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BILE SALTS	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 0 1 2 3 4	Health	0
Chemical Synonyms	Ox Bile; Ovgall powder.		Fire	1
Formula	Natural product.		Reactivity	0
Unit Size	up to 2.5 Kg.			
C.A.S. No.	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

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
Extinguisher Media	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.

## 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

Stability	Unstable	Conditions to Avoid	Excessive temperature and heat.
	Stable	X	

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

Hazardous Decomposition Products	Combustion will produce carbon dioxide and probably carbon monoxide and 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

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.

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

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

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.

### 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.

Revision	No. 6	Date	9/9/98	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------	-------	------	--------	----------	-----------------	-----------------------------	----

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.

D.O.T. NON-REGULATED.

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