# SAFETY DATA SHEET

## **GENERAL STORAGE CODE GREEN**

Section 1 Chemical Product and C	ompany Identification	Page E1 o
Aldon 221 Rochester Stree Avon, NY 14414 (585) 226-6177	ł	CHEMTREC 24 Hour Emergency USA Phone Number (800) 424-9300 1 703-741-5500 (from anywhere in the world). For laboratory and industrial use only. Not for drug, food or household use.
Product BILE SALTS		
Synonyms Ox Bile / Oxgall Powder		
Section 2 Hazards Identification		
This substance or mixture has not been classified to the Globally Harmonized System (GHS) of Claschemicals.   Signal word: None required Pictograms: No symbol required Target organs: None known   GHS Classification: None required GHS Label information: Hazard statement: None Precautionary statement: None required   Hazards not otherwise classified:   Health hazards not otherwise classified (HHNOC) - Device description (MINOC)	e required	Supplemental information: May be harmful if swallowed. Inhalation may cause an allergic-type reaction. Do breathe dust. Do not get in eyes, on skin, or on clothing. Wear protective gloves/ protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell.
Physical hazards not otherwise classified (PHNOC) Section 3 Composition / Information		
Chemical Name	CAS #	% FINECS

Chemical Name	CAS #	%	EINECS
Bile salts*	None assigned	100%	None assigned
*Contains: Glycocholic acid, sodium salt Taurocholic acid, sodium salt	863-57-0 145-42-6	Approximately 50% Approximately 45%	212-730-9 205-653-7

### Section 4 First Aid Measures

**INGESTION:** MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: MAY BE HARMFUL IF INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: MAY CAUSE EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

#### Section 5 Fire Fighting Measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Recover for reuse if not contaminated. Remove all sources of ignition. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

#### Section 7 Handling & Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8	Exposure Controls / Personal Pro	tection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
	Bile salts	Not established	Not established	Not established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

approved respirator.							
Section 9	Physical & Chemical Prop	perties					
Odor: Pungent odor Odor threshold: Da pH: Data not availat	ata not available ble point: Data not available not available	Flammability ( Explosion limi Vapor pressur Vapor density Relative density	ate ( = 1): Data not a solid/gas): Data not its: Lower / Upper: 1 e (mm Hg): Data not (Air = 1): Data not ar (Specific gravity): Data : Soluble in water	available Data not available available /ailable	Auto-ignitic Decomposi Viscosity: Molecular f		: Data not available <b>re:</b> Data not available ele e
Section 10	Stability & Reactivity						
Chemical stability: Conditions to avoid	Stable d: Excessive temperatures.	Hazardo	ous polymerization:	Will not occur.			
Incompatible mater	rials: None known.						
Hazardous decomp	oosition products: None know	n.					
Section 11	Toxicological Information	I					
IARC: No componer OSHA: No componer Ca Prop 65: This pro Reproductive toxic STOT-repeated exp Aspiration hazard: Potential health eff Inhalation: May cau Ingestion: Ingestion Skin: Contact may of Eyes: Contact with Signs and symptor not available. Exerc Additional informa	t of this product present at levels at of this product present at levels of this product present at levels obuct does not contain any cher <b>ity:</b> Data not available <b>ure:</b> Data not available <b>Data</b> not available <b>Data</b> not available <b>Data</b> not available <b>ects:</b> se reactions ranging from irritati of excessive amounts may cau cause irritation. <b>ns of exposure:</b> To the best of ise appropriate procedures to m <b>tion: RTECS #:</b> MB9265100 [6]	Is greater than or els greater than o nicals known to th on to allergic-type se irritation to eso our knowledge th ninimize potential	equal to 0.1% is iden r equal to 0.1% is iden to State of California t e reactions in suspept ophagal and digestive the chemical, physical hazards.	ified as probable, po tified as a carcinogo o cause cancer or re ble individuals. tracts.	ossible or confirr en or potential c eproductive toxic	med human card arcinogen by OS city.	SHA.
Section 12	Ecological Information						
Toxicity to algae: N Persistence and de Mobility in soil: No Other adverse effec Section 13 These disposal gu	and other aquatic invertebrat o data available gradability: No data available	Bioaccum PBT and v annot be exclude disposal of cata ordance with al	ulative potential: No PvB assessment: N d in the event of unpro log-size quantities o l local, state and feo	o data available ofessional handling o only. Federal regu	Ilations may ap		
UN/NA number: Hazard class: No Exceptions: Not	ot applicable Pack	ping name: N king group: N		Reportable Qu	antity: No	Ma	arine pollutant: No
Section 15	Regulatory Information						
	d to be listed if the CAS number for	the anhydrous form	is on the Inventory list.				
Compon	ent	TSCA	CERLCA (RQ)	RCRA code	DSL	NDSL	Ca Prop 65
Glycocholic acid Iaurocholic acid		Listed Listed	Not listed Not listed	Not listed Not listed	Not listed Not listed	Not listed Listed	This product does not contain any chemicals known to the Sta of California to cause cancer or reproductive toxicity.
Section 16	Other Information						
The information contair dent determinations of	ned herein is furnished without warra suitability and completeness of infor ency for Research on Cancer, OSHA	mation from all sour	rces to assure proper use ety and Health Administra	of these materials and	d the safety and he arget Organ Toxici	ealth of employees ty, SE: Single Exp	s. NTP: National Toxicology Pro

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