| WARD   | d  | MAT   | ERIAL   | SAFET  | Y D         | ATA SHEET                                      | SECTION V HEAL<br>Threshold Limited Value                        |  |
|--|--|---|---|--|-------------|--|--|--|
| Natural Science Estable<br>P.O. Box 92912<br>Rochester, NY 14692-9   | shill<br>012                                 | Ward's Natural Science Estab<br>1840 Mattawa Avenue |   | -  | MSDS M      | No. BB 120<br>e Date July 1, 1986              | Effects of Overexposure  |  |
| (716) 359-2502   |  | Mississauga, Ontario L4X 1K1                        | -   | 24 HOUR  | EMER        | GENCY ASSISTANCE                               |  |  |
| Product  | BILE SALTS                                   |   |   |  |             |  |  |  |
| Chemical   | Ox Bile; Ox gull powder.<br>Natural product. |   |   | 800-424-9300 Health UK   Day 716-226-6177 Fire 1   NFPA Reactivity 1   HAZARD RATING LEAST SUGHT MODERATE HIGH EXTREME   0 1 2 3 4 |             |  | Emergency and  |  |
| Synonyms<br>Formula  |  |   |   |  |             |  | First Åid Procedures   |  |
| Unit(s) Size   |  |   |   |  |             |  |  |  |
| C.A.S. No.   |  |   |   |  |             |  |  |  |
| SECTION  |  | ZARDOUS IN  | GREDIE  | _  |             |  |  |  |
|  |  | omponent(s)   | GILEDIE   |  | %           | TLV Units                                      | SECTION VI REA   |  |
| Not considered a hazardous mixtu   |  |   |   |  |             | None established.                              | Stability Unstable   |  |
|  |  | l gram of sodium                                    |   | er   |             |  | Stable x   |  |
|  |  | 8 grams Bile salt                                   | s, ·  |  |             |  | Incompatibility<br>(Materials to avoid) Stro                     |  |
| 05051011   |  |   |   |  |             |  | Hazardous  |  |
| SECTION  |  | SICAL DAT   |   |  |             |  | Decomposition Products   |  |
| Datilian Datas (05)  |  | Decomposes.   | Specific Gravity (H <sub>2</sub> 0 =<br>Percent Volatile  |  | $H_70 = 1)$ | Unknown.                                       | Hazardous Polymerization<br>May Occur Will Not Occu              |  |
|  |  | Decomposes.   | by Volum<br>Evaporat  |  |             | Negligible as solid.                           | X  |  |
|  |  | Negligible as sol                                   | solid.  |  | = 1)        | Not applicable.                                | SECTION VII SPIL   |  |
| Vapor Densi  |  | Unknown.  |   |  |             |  | Steps to be taken in cas<br>material is released or s            |  |
| Solubility in  |  | Very soluble.                                       |   |  |             |  |  |  |
| Appearance a   |  | Yellowish-green p                                   | and the second se |  |             |  | Waste Disposal Method  |  |
| SECTION<br>Flash Point   | IV FIF                                       | RE AND EXP  | and the second second second second second  |  | Lower       |  | waste Disposal Method  |  |
| (Method Used)  |  |   |   | e Unknown  |             |  | Discharge, treatment, or disposal may                            |  |
| Extinguisher<br>Media  | Any media                                    | suitable for exti                                   | nguishing s   | upporting fire   |             |  | SECTION VIII SPE   |  |
|  | FEIGHTIN                                     |   |   |  |             |  | Respiration Protection None st<br>(Specify Type) work in         |  |
| <b>SPECIAL FIREFIGHTING</b><br><b>PROCEDURES</b><br>In fire conditions, wear a NIOSH-approved, self-contained<br>breathing apparatus.                      |  |   |   |  |             |  | Ventilation Local Exhaust<br>Mechanical (Gene                    |  |
|  |  |   |   |  |             |  | Protective Gloves Rubber   |  |
|  |  |   |   |  |             |  | Other Protective<br>Equipment Goggles, s                         |  |
|  |  |   |   |  |             |  | SECTION IX SPE   |  |
|  |  | Duct may con  | +   | volocion hara  | ad Ei       | no or avenceiva                                | Precautions to be Taken<br>in Handling and Storing               |  |
| UNUSUAL FIRE AND<br>EXPLOSION HAZARDS Dust may constitute an explosion hazard. Fire or excessive<br>heat may produce hazardous decomposition products; can |  |   |   |  |             | Keep container tightly closed when not in use. |  |  |
|  |  | react vigorou                                       | isly with ox  | idizing mater  | ials.       |  | Other Precautions  |  |
|  |  |   |   |  | •           |  | numerical HAZARDOUS MATERIAL                                     |  |
|  |  |   |   |  |             |  | this product. Special preca                                      |  |
|  |  |   |   |  |             |  | For laboratory use only. Not for drug,<br>Rev. No. No. 1 Date 11 |  |
|  | NON-REGUL                                    | ATED  |   |  |             |  | No. 1 Date //  |  |

## hazard for usual laboratory handling. EYES: No specific hazard known. Contact may cause transient irritation. INGESTION: Expected to be a low hazard. INHALATION: None should be needed. Remove to fresh air. SKIN: Wash with soap and water. EYES: Flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention. INGESTION: None should be needed. EACTIVITY DATA **Conditions to Avoid** Excessive temperature and heat. Strong oxidizing materials. Combustion will produce carbon dioxide and probably carbon monoxide ucts and smoke. on **Conditions to Avoid** Occur PILL OR LEAK PROCEDURES case Sweep up and place in a suitable container. or spilled hod Dispose of in an approved incinerator. al may be subject to federal, state, or local laws. PECIAL PROTECTION INFORMATION lone should be needed in normal laboratory handling. If dusty conditions prevail work in fume hood or wear a NIOSH-approved dust mask. Special No. Recommended. Other No. General) Recommended. Chemical safety glasses. Rubber. **Eye Protection** es, smock, apron, proper gloves, ventilation hood, eye wash station. PECIAL PRECAUTIONS ken ring Store in a cool, dry place. Wash thoroughly after handling. in use. Read label on container before using. There is insufficient data in the published literature to assign complete TERIAL IDENTIFICATION SYSTEM (HMIS) ratings and laboratory protective equipment for precautions must be used in storage, use and handling. drug, food or household use. Keep out of reach of children. Chemical Safety Coordinator Approved 1/12/87 legander a Succouch n is furnished without warranty of any kind. Employers should use this information only as a gathered by them and must make independent determinations of suitability and completeness to assure proper use of these materials and the safety and health of employees.

EALTH HAZARD DATA

None established.

INHALATION: Low hazard for usual laboratory handling. SKIN: Low

## WARD'S Natural Science Establishment, Inc.

IMPORTANT MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL

OSHA requires that this form be kept on file.