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| Effective date: 14-09-2014 | Hy-Labs Cat. No: PD-104 | MSDS FORMAT MATERIAL SAFETY DATA SHEET | Replace Doc: NA |
| Doc. No: MSDS-PD-104 | | | |

| 1- Product and Company Identification | | |
|--|---|----------|
| Product Name | XLD Agar | |
| Reference number | PD-104 | |
| Manufacturer | Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474 | |
| 2- Composition, Information on Ingredients | | |
| Ingredients Name | Cas # | % |
| Sodium Chloride | 7647-14-5 | 9.1 |
| Sodium Thiosulfate | 7772-98-7 | 12.4 |
| Ferric Ammonium Citrate | 1185-57-5 | 1.5 |
| Sodium Deoxycholate | 302-95-4 | 4.5 |
| 3- Hazard Specifications | | |
| Information pertaining to particular dangers for man and environment. R 36 / 37 / 38, Irritating to eyes, respiratory system, and skin. | | |
| 4- First Aid Measures | | |
| Skin | Immediately wash with water and soap and rinse thoroughly. | |
| Eyes | Rinse open eye for several minutes under running water. If symptoms persist, consult doctor. | |
| Inhalation | Seek medical treatment in case of complaints. | |
| Ingestion | If symptoms persist consult doctor. | |
| Information for doctor | Show this product label or this MSDS. | |
| 5- Fire Fighting Measures | | |
| Extinguishing Media | CO ₂ , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam | |
| Protective equipment | No special measures required. | |
| 6- Accidental Release Measures | | |
| Person related safety precautions | Wear suitable protective clothing. Remove contaminated clothing. Ensure good ventilation / exhaustion at the workplace. | |
| Measures for environmental protection | Prevent dispersion of material. Wipe up with damp sponge or mop. | |
| Clean-up Methods | Avoid prolonged or repeated exposure. Absorb material, ventilate area, and wash spill site after material has been cleaned up. Avoid inhalation, contact with eyes and skin. Prevent formation of dust. | |
| 7- Handling and Storage | | |
| Handling | Protect against physical damage. Ensure good ventilation / exhaustion. | |
| Storage | 2-8°C | |

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| 8- Exposure Controls, Personal Protection | |
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| Components with limit values that require monitoring | This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| Additional Information | Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing. |
| Personal Protective Equipment | General protective and hygienic measures – The usual precautionary measures for handling chemicals should be followed. Breathing equipment – Not required. Hands- Chemical resistant gloves Eyes- Safety glasses. Clothing- Protective work cloth. |
| 9- Physical and Chemical Properties | |
| Form | Solid |
| Color | Red-orange, very slightly opalescent |
| 10- Stability and Reactivity | |
| Stability | No decomposition is used according to specifications |
| Hazardous decomposition products | No dangerous reactions known. |
| 11- Toxicological Information | |
| Primary irritant effect | Skin- No irritating effect Eye- No irritating effect Sensitization- No sensitizing effects known. Additional toxicological information- The product shows the following danger according to the calculation method of General EU Classification Guidelines for Preparation as issued in the latest version.. |
| 12- Ecological Information | |
| Ecotoxicity Tests | Generally not hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified. |
| 13- Disposal Information | |
| Waste Disposal Method | Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste. |
| 14- Transport Information | |
| If a dashed line appears in the Hazard Class section for the type of the transportation, this indicates the product is not regulated for transportation. | |
| 15- Regulatory Information | |
| Safety Phrases | Keep container tightly closed. Observe the general safety regulation. |

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16- Other Information

For In-Vitro use only.

The information in this MSDS is based on current and reliable sources but does not purport to be all inclusive and shall be used only as a guide.