



SECTION 1 — IDENTIFICATION

| | | | | | | | |
|----------------------------|---------------------------|-----------------|-------------------|----------|-------|------------------|--------------|
| Product Name | Agarose powder | | | | | | |
| Product Use | | | | | | | |
| Supplier's Name | Amplyus LLC | | | | | | |
| Street Address | 1770 Massachusetts Avenue | | | | | | |
| City | Cambridge | State | MA | Zip Code | 02140 | | |
| Emergency Telephone Number | 781-990-8727 | | Date SDS Prepared | 1/1/2018 | | Date SDS Revised | |
| Chemtec (USA) | | SDS Prepared By | Amplyus | | | Fax | 888-317-0512 |

SECTION 2 — HAZARDS IDENTIFICATION

| | | | |
|-----------------------------------|--|--|--|
| Hazard classification: | Not classified for physical or health hazards under GHS. | | |
| Hazard statement(s): | | | |
| Precautionary statements (s): | If medical advice is needed, have product container or label at hand. Keep out of reach of children. | | |
| Hazards not otherwise classified: | | | |
| Other: | | | |

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | % | CAS Number | Other |
|-------------|------|---------------|-------------|
| Agarose | 100% | CAS-9012-36-6 | enter text. |
| | text | text | enter text. |
| | text | text | enter text. |

SECTION 4 — FIRST AID MEASURES

| | |
|--------------------------|---|
| Eye Contact | Protect unexposed eye. Rinse or flush exposed eye gently with water for 15-20 min. Remove contact lenses while rinsing. Lift upper and lower eyelids occasionally while rinsing. Get medical assistance. |
| Skin Contact | Wash hands and affected skin with abundant soap and water. Get medical assistance if concerned. |
| Inhalation | Position individual in comfortable position. Losing clothing as needed. Move to fresh air. Give artificial respiration if needed. Give oxygen if necessary. Get medical assistance if cough or other symptoms appear. |
| Ingestion | Rinse mouth thoroughly. Do not induce vomiting. Get medical assistance if irritation, discomfort persist. |
| Possible Symptoms | Irritation. Headache. Nausea. Shortness of breath. |
| Immediate Care | If seeking medical attention provide SDS to physician. Treat symptomatically. |
| Special Treatment Needed | |

SECTION 5 — FIRE-FIGHTING MEASURES

| | | | |
|--|--|---------------------------------|--|
| Flammable | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes, under which conditions? | |
| Means of Extinction | Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam. | | |
| Hazardous Combustion Products | Thermal decomposition may lead to release of irritating gases or vapors. | | |
| Protective equipment and precautions for firefighters: | Protective eyewear, gloves and clothing. Refer to Section 8. | | |

SECTION 6 — ACCIDENTAL RELEASE MEASURES

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|---------------------------|--|
| Leak and Spill Procedures | Ensure adequate ventilation. Ensure that air-handling systems are operational. Should not be released in the environment. Prevent from reaching drains, sewers, waterways. For containment or clean up, wear protective eyewear, gloves, and clothing. Refer to section 8. Always follow local regulations. Containerize for disposal. Clean up spills immediately. Avoid generating dust. |
|---------------------------|--|

SECTION 7 — HANDLING AND STORAGE

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|-------------------------------|--|
| Handling Procedures Equipment | Avoid contact with eyes, skin, and clothing. Follow good hygiene procedures when handling. |
| | Refer to section 8. Follow proper disposal methods. Refer to section 13. |
| | Do not eat, drink, smoke or use personal products when handling. |
| Storage Requirements | Store in a cool location. Keep away from food and beverages. |
| | Protect from freezing and physical damage. Provide ventilation for containers. |
| | Keep container tightly sealed and stored away from incompatible materials. |

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

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|---|---|
| Exposure Limits | <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input checked="" type="checkbox"/> Other (Specify) No occupational protective limits. |
| Specific Engineering Controls (such as ventilation, enclosed process) | Eyewash fountains and safety showers. Exhaust ventilation or other air control. |
| Personal Protective Measures | Perform routine housekeeping. |
| Personal Protective Equipment | Not required under normal conditions of use. |

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

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|-------------------------|-------------------------|-----------------------|
| Physical State | Appearance | Odor Threshold (ppm) |
| Solid. | White solid powder | Not determined. |
| Odor | Solubility | Partition coefficient |
| Odorless. | Not determined. | Not determined. |
| Specific Gravity | Vapor Density (air = 1) | Vapor Pressure (mmHg) |
| Not determined. | Not determined. | Not determined. |
| Autoignition Temp (° C) | Melting Point (° C) | Flash Point (° C) |
| Not determined. | Not determined. | Not determined. |
| Evaporation Rate | Boiling Point (° C) | Freezing Point (° C) |
| Not determined. | Not determined. | Not determined. |
| pH | Relative Density | Viscosity |
| Not determined. | Not determined. | Not determined. |

SECTION 10 — STABILITY AND REACTIVITY

| | | |
|---------------------------------------|---|--|
| Chemical Stability | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If no, under which conditions? |
| Incompatibility with Other Substances | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes, which ones? Strong oxidizing agents. |

SECTION 11 — TOXICOLOGICAL INFORMATION

| | | |
|--|----------------------------------|--|
| Effects of Acute Exposure | No additional information. | |
| Effects of chronic exposure | No additional information. | |
| Sensitization | No additional information. | |
| | Click or tap here to enter text. | |
| LD50 | No additional information. | |
| Carcinogenicity, reproductive toxicity | No additional information. | |
| Other | | |

SECTION 12 — ECOLOGICAL INFORMATION

Not determined.

SECTION 13 — DISPOSAL CONSIDERATIONS

It is the responsibility of the waste generator to determine the characterization of all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether the generated chemical waste is classified as hazardous. Consult local, regional, and national waste regulations to ensure complete and accurate classification.

SECTION 14 — TRANSPORT INFORMATION

Not regulated.

SECTION 15 — REGULATORY INFORMATION

None of the ingredients is listed under regulatory classifications.

SECTION 16 — OTHER INFORMATION