



MATERIAL SAFETY DATA SHEET

| Section I – Product Information | | | |
|---|------------------------------|-----------------------------|-----------------------|
| Product Name or Identity: | Agar, Technical | | |
| Manufacturer's Name: | Acumedia Manufacturers, Inc. | Emergency Phone No.: | 517/372-9200 |
| | 740 East Shiawassee | Fax No.: | 517/372-2006 |
| | Lansing, Michigan 48912 | e-mail: | foodsafety@neogen.com |
| Date Prepared or Revised: 10/11/04 | | | |

| Section II – Hazardous Ingredients / Identity Information | | | |
|---|---|--------------------------------------|-----------------------------------|
| Hazardous Components: (Specific Chemical Identity: Common Names) | OSHA PEL (Permissible Exposure Limits) | ACGIH TLV (Threshold Limit Value) | Toxicity Data LD ₅₀ |
| This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200. | N/A | N/A | N/A |
| | | | |

| Section III – Physical Characteristics | |
|--|---|
| Boiling Point: N/A | Specific Gravity (H₂O = 1): N/A |
| Vapor Pressure (mm Hg.): N/A | Melting Point: N/A |
| Vapor Density (AIR = 1): N/A | Evaporation Rate (Butyl Acetate = 1): N/A |
| Solubility in Water: N/A | |
| Appearance and Odor: N/A | |

| Section IV – Fire and Explosion Hazard Data | |
|---|---|
| Flash Point (Method Used): Not applicable | Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A |
| Extinguishing Media: Suitable extinguishing agents. CO ₂ , extinguishing powder, or water spray. | |
| Special Fire Fighting Procedures: Fight larger fires with water or alcohol resistant foam. Firefighters should wear protective equipment and self-contained breathing apparatus. | |
| Unusual Fire and Explosion Hazards: N/A | |

| Section V – Reactivity Data | | | |
|---|----------------|---|--|
| Stability: | Unstable | | Conditions to Avoid: No decomposition if used according to specifications. |
| | Stable | X | |
| Incompatibility (Materials to Avoid): N/A | | | |
| Hazardous Decomposition or Byproducts: N/A | | | |
| Hazardous Polymerization: | May Occur | | Conditions to Avoid: No dangerous reactions known. |
| | Will Not Occur | X | |

| Section VI – Health Hazard Data | | | |
|---|--|--|--------------------|
| Route(s) of Entry: | Inhalation? N/A | Skin? N/A | Ingestion? N/A |
| Health Hazards: (Acute and Chronic) | No irritating effect. | | |
| Carcinogenicity: | NTP? No (National Toxicology Program) | IARC Monographs? No (International Agency for Research in Cancer) | OSHA Regulated? No |
| Signs and Symptoms of Exposure: No irritating effect. | | | |
| Medical Conditions Generally Aggravated by Exposure: No sensitizing effects known. | | | |
| Emergency / First Aid Procedures: | Ingestion: N/A | | |
| | Inhalation: N/A | | |
| | Eye Contact: N/A | | |
| | Skin Contact: N/A | | |

| Section VII – Precautions for Safe Handling and Use |
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| Accidental Release Measures: Wipe up with damp sponge or mop. |
| Waste Disposal Method: Dispose in accordance with all applicable federal, state, and local environmental regulations. |
| Handling and Storing: Keep container tightly closed. Suitable for any general chemical storage area. |
| Other Precautions: No special measures required. |

| Section VIII – Control Measures | | |
|--|-----------------------------|--------------------------------|
| Respiratory Protection (Specify Type): None required where adequate ventilation conditions exist. | | |
| Ventilation: | Local Exhaust: 50 – 100 CFM | Special: N/A |
| | Mechanical (General): N/A | Other: N/A |
| Protective Gloves: Proper disposable gloves | | Eye Protection: Safety goggles |
| Other Protective Clothing or Equipment: Uniform, lab coat, or disposable lab wear. | | |
| Work / Hygienic Practices: Use all safety precautions associated with inert powders. | | |

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