



SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company /undertaking

1.1 Identification of the substance/preparation

Product code AM-105
Product name Accumax®

Accumax is an internationally registered trademark of Innovative Cell Technologies, Inc.

1.2 Company/Undertaking Identification

Innovative Cell Technologies, Inc.
 6790 Top Gun St., Suite 1
 San Diego, CA 92121 USA
 1 858 587 1716

1.3 Emergency Response: +1-858-587-1716

1.4 Identified usages: Laboratory Chemical. For research use only. Not intended for human or animal diagnostic or therapeutic uses.

2. Hazards Identification

2.1 GHS - Classification:

Not a hazardous substance or mixture.

2.2 Signal Word

None

2.3 Health Hazard

Not classified

2.4 Physical Hazards

Not classified

2.5 Principal Routes of Exposure/ Potential Health Effects

| | |
|-------------------|--|
| Eyes | May cause eye irritation with susceptible persons |
| Skin | May cause skin irritation with susceptible persons |
| Inhalation | May be harmful by inhalation |
| Ingestion | May be harmful if swallowed |

2.6 Specific Effects

| | |
|-----------------------------|------|
| Carcinogenic Effects | none |
| Mutagenic Effects | none |
| Reproductive Effects | none |
| Sensitization | none |

2.7 Target Organ Effects No known effects under normal use conditions



2.8 HMIS Rating

| | |
|--------------|---|
| Health | 0 |
| Flammability | 0 |
| Reactivity | 0 |

2.9 NFPA rating

| | |
|-------------------|---|
| Health Hazard | 0 |
| Fire Hazard | 0 |
| Reactivity Hazard | 0 |

3. Composition/Information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. First Aid measures

- 4.1 Skin contact:** Rinse with plenty of water. If symptoms arise, call a physician.
- 4.2 Eye contact:** Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. If symptoms persist, call a physician.
- 4.3 Ingestion:** Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
- 4.4 Inhalation:** Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
- 4.5 Notes to physician:** Treat symptomatically.
- 4.6 Most Important symptoms and effects, both acute and delayed:** Not applicable

5. Fire-Fighting measures

- 5.1 Suitable extinguishing media:** Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.
- 5.2 Special protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suit.
- 5.3 Specific hazards arising from chemicals:** Not Known
- 5.4 Further Information:** No data available

6. Accidental release measures

- 6.1 Personal Precautions, protective equipment, and emergency procedures**
Use personal protective equipment. Avoid breathing and inhaling of the material.
- 6.2 Methods for cleaning up** Soak up with inert absorbent material.
- 6.3 Environmental precautions:** No special environmental precaution required. Prevent further leakage or spillage if safe to do so.

See section 12 for additional information.



7. Handling and storage

- 7.1 Handling** Always wear recommended Personal Protective Equipment. No special handling advice required.
- 7.2 Storage** Store in tightly closed containers and in well ventilated areas. Keep at -20°C until defrosted, then 2-8°C refrigerator.
- 7.3 Specific end usage** Apart from usage mentioned in section 1.4, no other specific usage is recommended.

8. Exposure controls/personal protection

- 8.1 Exposure limit:** We are not aware of any national exposure limit.
- 8.2 Engineering measures** Ensure adequate ventilation, especially in confined areas
- 8.3 Personal protective equipment**
Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.
- | | |
|---------------------------------|--|
| Respiratory protection | None required. |
| Hand protection | Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands after use. |
| Eye protection | Wear safety glasses with side shields. |
| Skin and body protection | Use light weight protective clothing. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. |
- 8.4 Environmental exposure controls** None required.

9. Physical and chemical properties

9.1 General Information

| | | |
|--------------------------|--|----------------------|
| Form | Liquid | |
| Appearance | Clear Slightly Tan/ Slightly Tan when frozen | |
| Odor | No odor | |
| Odor threshold | No data available | |
| pH | 6.8 – 7.8 | |
| Boiling point/Range | 100C | 212F |
| Melting point/Range | 0C | 32F |
| Flash point | °C no data available | °F no data available |
| Autoignition temperature | °C no data available | °F no data available |
| Oxidizing properties | No information available | |
| Evaporation rate | No data available | |
| Flammability | No data available | |
| Explosive limit | No data available | |
| Vapour pressure | No data available | |
| Vapour density | No data available | |
| Relative density | No data available | |
| Water solubility | Soluble in water | |



| | |
|----------------------|-------------------|
| | data available |
| Decomposition temp | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |

9.2 Other Safety Information

No data available

10. Stability and Reactivity

| | |
|---|---|
| Stability | Stable when stored in freezer at -20°C or in refrigerator at 2 to 8 °C. |
| Reactivity | No data available |
| Materials to avoid | No dangerous reactions known under conditions normal of use. |
| Possibility of Hazardous decomposition | None under normal use. |
| Conditions to avoid | No data available |
| Incompatible material | No data available |
| Polymerization | Hazardous polymerization does not occur |

11. Toxicological information

11.1 Acute toxicity

No toxicology information is available.

11.2 Principle Routes of Exposure/ Potential Health effects

| | |
|------------------------------|--|
| Eyes | May cause eye irritation with susceptible persons. |
| Skin | No data available |
| Inhalation | May be harmful by inhalation. |
| Ingestion | May be harmful if swallowed |
| Carcinogenic effects | No data available |
| Mutagenic effects | No data available |
| Reproductive toxicity | No data available |
| Sensitization | No data available |
| Target Organ Effects | No known effects under normal use conditions. |

12. Ecological information

| | |
|----------------------------|--|
| Ecotoxicity effects | Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. |
| Mobility | No information available. |
| Biodegradation | No information available |
| Bioaccumulation | No information available |



13. Disposal considerations

Dispose of contents and containers in accordance with local regulations.

14. Transport information

IATA

| | |
|------------------------------|--|
| Proper shipping name | Not classified as dangerous in the meaning of transportation regulations |
| Hazard class | None |
| Subsidiary class | None |
| Packing group | None |
| UN-No | None |
| Environmental hazards | None |

15. Regulatory information

U.S. Federal Regulations

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 Components

This product is not regulated by SARA. No chemical component of this material with known CAS numbers that exceeds the threshold reporting levels established by SARA Title III, section 313

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

U.S. State Regulations

California Proposition 65

This product does not contain chemicals listed under proposition 65

WHMIS Hazard Class

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.



16. Other information

Reason for Revision SDS sections updated.

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on the prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS (M)SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of Safety Data Sheet