

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: DAPCEL™ Inc cell lines (Biosafety Level 2)
Catalog Number: Various
Contact manufacturer: DAPCEL, Inc.
11000 Cedar Ave., Suite 110
Cleveland, OH 44139

2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which are considered to be immediately hazardous to health or known to cause disease in healthy adult humans.

However, handling human derived products is potentially biohazardous and requires Biosafety level 2.

3. HAZARDS IDENTIFICATION

Potential Health Effects

Handle as a potentially biohazardous material under Biosafety Level 2 containment. These cell lines may potentially be associated with human disease, hazards include: percutaneous injury, ingestion, mucous membrane exposure (U.S. Government Publication Biosafety in Microbiological and Biomedical Laboratories). Regardless of results reported on the Certificate of Analysis Universal Precautions according to 29 CFR 1910.1030 should be followed at all times when manipulating these cell lines.

Eyes: No information available.
Skin: No information available.
Inhalation: No information available.
Ingestion: No information available.

HMIS

Health: 0 Flammability: 0 Reactivity: 0

HMIS Legend

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- * - Chronic Hazard

4. FIRST AID MEASURES

Report to the Safety Office and Seek Medical Attention as Soon as Possible

| | |
|----------------------------|---|
| Eye contact: | Rinse thoroughly with plenty of water, also under the eyelids |
| Skin contact: | Wash off immediately with plenty of water |
| Inhalation: | If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician |
| Ingestion: | If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with plenty of water and call a physician |
| Notes to physician: | Treat symptomatically |

5. FIRE-FIGHTING MEASURES

| | |
|---------------------------------|--|
| Fire-fighting equipment: | Not applicable - nonflammable material |
| Precautions: | Not applicable - nonflammable material |

6. ACCIDENTAL RELEASE MEASURES

| | |
|------------------------------|---|
| Personal precautions: | Use PPE: eye protection, gloves, and lab coat |
|------------------------------|---|

7. HANDLING AND STORAGE

| | |
|------------------|---|
| Clean up: | Soak up with inert absorbent material |
| Handling: | Handle and store according to instructions on product information sheet |
| Storage: | Store at - 80°C. Long term: Liquid Nitrogen |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|------------------------------|--|
| Eyes: | Safety glasses |
| Skin: | Wear lightweight protective clothing and gloves |
| Inhalation: | A respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use |
| Engineering controls: | Safety shower and eye bath. Mechanical exhaust required |
| Exposure guidelines: | Wash thoroughly after handling |

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

| | |
|-----------------------------|-------------------|
| Form | Liquid |
| pH: | No data available |
| Boiling point: | No data available |
| Melting point: | No data available |
| Solubility: | No data available |
| Volatile%: | No data available |
| Water content: | No data available |
| Decomposition Temp.: | No data available |
| Viscosity: | No data available |

10. STABILITY AND REACTIVITY

| | |
|---------------------------------|---|
| Stability: | Stable |
| Materials to avoid: | Strong oxidizing agents |
| Hazardous decomposition: | No information available |
| Polymerization: | Hazardous polymerization does not occur |

11. TOXICOLOGICAL INFORMATION

| | |
|--------------------|-------------------|
| Eyes: | No data available |
| Skin: | No data available |
| Inhalation: | No data available |
| Ingestion: | No data available |

12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. Waste generators must comply with all state and local regulations to ensure compliance.

14. TRANSPORT INFORMATION

IATA: Non-hazardous for Air Transports

15. REGULATORY INFORMATION

U.S. Federal Regulations

| | |
|--|-------------------------|
| SARA 313: | Not regulated |
| U.S. INVENTORY (TSCA): | Not listed on inventory |
| OSHA HAZARD COMMUNICATION STANDARD: | non hazardous |

16. OTHER INFORMATION

Disclaimer: For R&D use only

Issued: 2015

The above information is believed to be correct but cannot guarantee its accuracy or completeness. The information in this document is based on the current state of our knowledge but may not be sufficient for all individuals and/or situations. The above information does not constitute a warranty, express or implied.