

SAFETY DATA SHEET

Section 1 - Product and Company Information

Product Name: **Cell Freezing Medium**
Product Number: **4Z0-705**
Brand: Cell Systems
Company: Cell Systems
Street Address: 127 10th St. S, Ste 600, Kirkland, WA 98033
Technical Phone: 425-823-1010
Fax: 425-820-6762

Section 2 - Hazards Identification

GHS Symbol: N/A
Signal Word: N/A
HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
NFPA RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
For additional information on toxicity, please refer to Section 11

Section 3 - Composition/Information on Ingredient

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4 - First Aid Measures

ORAL EXPOSURE: If swallowed, wash out mouth with water provided person is conscious. Call a physician
INHALATION EXPOSURE: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician
DERMAL EXPOSURE: In case of contact, immediately wash skin with soap and copious amounts of water
EYE EXPOSURE: In case of contact with eyes, flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. Call a physician

Section 5 - Fire Fighting Measures

FLASH POINT: N/A

AUTOIGNITION TEMP: N/A

FLAMMABILITY: N/A

EXTINGUISHING MEDIA Suitable: Water spray, dry chemical powder or appropriate foam.

FIREFIGHTING: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Section 6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Exercise appropriate precautions to minimize direct contact with skin or eyes

METHODS FOR CLEANING UP: Soak up material with absorbent towel. Ventilate area and wash spill site after material pickup is complete

Section 7 - Handling and Storage

HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure

STORAGE

Suitable: Keep tightly closed.

Ship: at ambient temperature

Store: 2 – 8 ° C

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS: Use fume hood or other appropriate ventilation method. Available safety shower and eye bath

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Wear dust or surgical mask

Hand: Protective gloves

Eye: Chemical safety goggles

GENERAL HYGIENE MEASURES: Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance Physical State: Amber liquid

Molecular Weight N/A

pH = 7.0-7.4

BP/BP Range N/A

MP/MP Range N/A

Freezing Point N/A

Vapor Pressure N/A

Vapor Density N/A

Saturated Vapor Conc. N/A

Bulk Density N/A

Odor Threshold N/A
Volatile% N/A
VOC Content N/A
Water Content N/A
Solvent Content N/A
Evaporation Rate N/A
Viscosity N/A
Surface Tension N/A
Partition Coefficient N/A
Decomposition Temp. N/A
Flash Point N/A
Explosion Limits N/A
Flammability N/A
Autoignition Temp N/A
Refractive Index N/A
Optical Rotation N/A
Miscellaneous Data N/A
Solubility N/A
N/A = not available

Section 10 - Stability and Reactivity

STABILITY

Chemical Stability: Stable
Materials to Avoid: N/A
Hazardous Decomposition Products: Not known
Hazardous Polymerization: Will not occur
N/A = not available

Section 11 - Toxicological Information

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation
Skin Absorption: May be harmful if absorbed through the skin.
Eye Contact: May cause eye irritation
Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract
Ingestion: May be harmful if swallowed

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Section 12 - Ecological Information

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

Section 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Isolate product in a tightly closed container and contact a licensed professional

waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations

Section 14 - Transport Information

USDOT Classification: Not a USDOT controlled material.

Inland Waterways (AND): Not a dangerous good in this transport regulation.

Sea Transport (IMDG): Not a dangerous good in this transport regulation.

Air Transport (IATA-DGR): Not a dangerous good in this transport regulation.

Section 15 - Regulatory Information

TSCA Inventory: Not listed.

SARA LISTED: No

CLEAN AIR ACT, Section 112, Hazardous Air Pollutants (HAP):

Product does not contain HAPs

Section 16 - Other Information

DISCLAIMER: For laboratory use only. Not for drug, household or other uses

WARRANTY: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Cell Systems shall not be held liable for any damage resulting from handling or from contact with the above product. See website for additional terms and conditions of sale.

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