



# Safety Data Sheet

## Reusable Hot/Cold Chamber Packs

### Section 1. Identification

Product Identifier	Reusable Hot/Cold Chamber Packs
Synonyms	MDS138029; MDS162004PK; MDS232004PK; MDS272202PK; MSD_SDS0432
Manufacturer Stock Numbers	MDS138029; MDS162004PK; MDS232004PK; MDS272202PK
Recommended use	N/A
Uses advised against	N/A

### Section 2. Hazards Identification

Potential Acute Health Effects:	Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Hazard Sorts:	None.
Potential Health Effects:	Eye: May cause eye irritation.  Skin: May cause skin irritation. Low hazard for usual industrial handling.  Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling.  Inhalation: May cause irritation of the upper respiratory tract and bronchi.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
56-81-5	Glycerin	28 %

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

Inhalation:	Remove to fresh air. Get medical attention if ill effects occur.
Ingestion:	If swallowed, do not induce vomiting, give several glasses of water or milk to drink. If large amounts were swallowed or symptoms occur, get medical advice. Never give anything by mouth to an unconscious person.
Skin Contact:	Wash the affected area with soap and water.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

### Section 5. Fire Fighting Measures

Suitable Extinguishing Media	If substance is not directly involved in the fire, use the best means available to extinguish the fire. If substance is involved in the fire, use plenty of water.
Unsuitable Extinguishing Media	Do not use chemical extinguishers or foams or attempt to smother the fire with steam or sand.
Fire Fighting Measures:	Open doors and windows to give maximum ventilation. Do not allow molten substance to run into drains. Prevent contamination of the substance by oils or other combustible materials. If water container fertilizer enters any drains or watercourse, inform the local authorities immediately. In the event of a fire, wear full protective clothing and approved self-contained breathing apparatus, if fumes are being entered.

### Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.
Spill/Leak Procedures:	Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

## Section 7. Handling and Storage

**General Information:** This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

**Storage:** Store in a closed container. Store in a cool, dry, and well-ventilated area and keep away from incompatible substances, food, drink and dust/impurities. Inspect regularly for deficiencies such as damage or storage area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment. Store protected from moisture.

**Handling:** Ensure good local exhaust ventilation. Handle and open container with care. Keep container closed and away from incompatible substances, food, drink and dust/impurities. Protect from humidity and water. Minimize dust generation and accumulation. Avoid dust contact with eyes. Avoid breathing dust and fume. Avoid ingestion. Remove contaminated clothing and wash before reuse. Empty containers retain product residue. The work area should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Glycerin	TWA: 10 mg/m3 (glycerin mist)	10 mg/m3 (glycerin mist-total dust)	N/A

**Personal Protective Equipment** N/A

**Exposure Limit:** No exposure limits is listed for this product.

**Monitoring Methods:** No information found.

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Personal Protective Equipment:** Eyes: Dust service goggles should be worn to prevent mechanical injury or other irritation to eyes due to airborne particles which may result from handling product.

Skin and Clothing: Wear appropriate protective clothing, and gloves to prevent skin contact.

Respirators: An appropriate respirator or mask should be used whenever workplace conditions warrant a respirator's use. A full face positive pressure supplied-air respirator of a self contained breathing apparatus should be used when large spilled or fire.

Other Protection: To maintain good health habits. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

## Section 9. Physical and Chemical Properties

Physical State	White granules
Color	N.A.
Odor	Odorless
Odor Threshold	N.A.
Solubility	Soluble in water
Partition coefficient Water/n-octanol	N.A.
VOC%	N/A
Viscosity	N.A.
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	No information found
FP Method	Closed cup
pH	5.0
Melting Point	100-104°C
Boiling Point	No information found.
Boiling Range	N.A.
LEL	N/A
UEL	N/A
Evaporation Rate	N.A.
Flammability	N.A.
Decomposition Temperature	No information found.
Auto-ignition Temperature	N.A.
Vapor Pressure	No information found.
Vapor Density	No information found.

Bulk Density: Normal between 1000-1200kg/m3

## Section 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Reactivity: No information found.  
Conditions to Avoid: Incompatible materials, dust generation.  
Incompatibilities with Other Materials: Reactive with oxidizing agents.  
Corrosivity: Non-corrosive in presence of glass.  
Hazardous Polymerization: No.

## Section 11. Toxicological Information

Toxicological Information: Oral rat LD50:>2000mg/kg.

## Section 12. Ecological Information

Environmental Data: No information found.  
Environmental Toxicity: No information found.  
Ecological Degradation: Not available.  
Biology Degradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

## Section 13. Disposal

Disposal Considerations: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Dispose of container and unused contents in accordance with state and local requirements.

## Section 14. Transport Information

UN Number: N/A  
UN Proper Shipping Name: Not regulated  
DOT Classification: Not regulated  
Packing Group: Not regulated  
DOT: Not regulated as dangerous goods.  
IATA: Not regulated as dangerous goods.  
IMDG: Not regulated as dangerous goods.

## Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.  
SARA 302: N.A.  
SARA 304: N.A.  
SARA 313: N.A.  
TSCA: All components are listed or exempt.  
CERCLA Hazardous Substance List: N.A.

Clean Air Act (CAA) Section 112, 112 (r):

New Jersey Right to Know Components:

Pennsylvania Right to Know Components:

Rhode Island Right to Know Components:

## Section 16. Other Information

Revision Date 8/22/2022

Legend  
N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

Additional Information  
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