

Closer Pets (Cat Mate / Dog Mate) – 900 ICE PACK

MATERIAL SAFETY DATA SHEET

According to Hazard Communication Standard (29 CFR 1910.1200)

1. Identification of the substance/Preparation and the Company

1.1. Product Name

1.1.1. Closer Pets – Ice Pack (Part Number – 900) / Ref EFSH18071344

1.2. Product use

1.2.1. Cold Use

1.3. Company

1.3.1. Closer Pets

1.3.1.1. UK/EU - Lyon Road, Hersham, Surrey, KT12 3PU, England

1.3.1.2. US - 104A Longview St. Conroe, TX 77301

1.3.2. Email: help@closerpets.com

1.4. Emergency Telephone Number

1.4.1. UK/EU +44 (0) 1932 700000

1.4.2. US 800-725-4333

2. Composition / information on ingredients

2.1. Components

	CAS#	Percent
2.2. Sodium carboxymethyl cellulose	9004-32-4	6%
2.3. Glycerol	56-81-5	52%
2.4. AQUA	7732-18-5	42%

3. First-aid Measures

3.1. First aid procedures

3.1.1. Eye contact - None expected to require first aid measures. Flush with running water for at least 15 minutes. If irritation persists get medical attention.

3.1.2. Skin contact - None expected to require first aid measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.

3.1.3. Inhalation - None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

3.1.4. Ingestion - Immediate first aid is not likely to be required. A physician or poison control centre can be contacted for advice.

3.1.5. Notes to physician - Treat symptoms.

4. Fire-fighting measures

4.1. Flammable properties Not available.

4.2. Extinguishing media

4.2.1. Suitable extinguishing media Use extinguishing agents appropriate for surrounding fire.

4.3. Firefighting equipment/instructions In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary.

4.3.1. Dispose of contaminated extinction water according to official regulations.

4.4. Hazardous combustion products - Oxides of carbon.

5. Accidental release measures -

5.1. Personal precautions - Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid contact with skin and eyes. For personal protection see section 7.

5.2. Environmental precautions - Avoid disposing into drainage/sewer system or directly into the aquatic environment.

5.3. Methods for cleaning up - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)

6. Handling and storage

6.1. Handling - Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

6.2. Storage - Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7. Exposure controls / personal protection

7.1. Occupational exposure limits

7.1.1. US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

7.1.2. Components	Type	Value	Form
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7.1.2.1.	Glycerol (CAS 56-81-5)	PEL	5 mg/m3	Respirable fraction
7.1.2.2.			15 mg/m3	Total Dust

7.2. Biological limit values No biological exposure limits noted for the ingredient(s).

7.3. Appropriate engineering controls: Use in a well-ventilated area.

7.4. Individual protection measures, such as personal protective equipment:

7.4.1. Eye / face protection - No special requirements.

7.4.2. Skin protection - No special requirements. Wear gloves if necessary.

7.4.3. Respiratory protection No special requirements.

7.5. General hygiene considerations

7.5.1. 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. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

8. Physical and chemical properties -

8.1. Appearance

8.1.1. Physical state Liquid

8.1.2. Form Liquid

8.1.3. Colour Not available

8.1.4. Odor Not available

8.1.5. Odor threshold Not available

8.1.6. pH Not available

8.2. Vapor pressure 0.003 mm Hg(50 °C) (CAS#56-81-5)

8.3. Melting point/Freezing point 18.17 °C(CAS#56-81-5)

8.4. initial boiling point and boiling range 290 °C(CAS#56-81-5)

8.5. Flash point 177 °C(CAS#56-81-5)

8.6. Evaporation rate Not available

8.7. Flammability (solid, gas) Not available

8.8. Explosion limits Not available

8.9. Vapor density Not available

8.10. Density 1.261 g/ml(CAS#56-81-5)

8.11. Solubility (water) 1000000 mg/L(CAS#56-81-5)

8.12. Partition coefficient log Pow: -1.75(CAS#56-81-5)

8.13. Auto-ignition temperature 370 °C(CAS#56-81-5)

8.14. Decomposition temperature Not available

8.15. Specific gravity Not available

8.16. Flammability limits in air, upper, %by volume Not available

8.17. Flammability limits in air, lower, % by volume Not available

8.18. VOC Not available

8.19. Percent volatile Not available

8.20. Other data

8.20.1. Viscosity 1412 mPa s(20°C) (CAS#56-81-5)

8.20.2. Upper/lower explosive limits 19 %/ 2.7 %(CAS#56-81-5)

8.20.3. Surface tension ca. 63.4 mN/m(CAS#56-81-5)

9. Stability and reactivity

9.1. Chemical stability Material is stable under normal conditions.

9.2. Conditions to avoid Incompatible materials.

9.3. Incompatible materials Strong oxidizing agents.

9.4. Hazardous decomposition products Oxides of carbon.

9.5. Possibility of hazardous reactions No dangerous reactions known.

10. Toxicological information -

10.1. Toxicokinetics, metabolism and distribution:

10.1.1. Non-human toxicological data: Not available

10.2. Information on toxicological effects:

10.2.1. Acute toxicity:

10.2.2. Glycerol (CAS#56-81-5):

10.2.2.1. LD50(Oral, Rat): 27200 mg/kg (female)

10.2.2.2. LD50(Dermal, Rat): Not available

10.2.2.3. LC50(Inhalation, Rat): >2.75 mg/L 4 h

10.2.2.4. Skin corrosion/Irritation: Not classified.

10.2.2.5. Serious eye damage/irritation: Not classified

10.2.2.6. Respiratory or skin sensitization: Not classified

10.2.2.7. Germ cell mutagenicity: Not classified

- 10.2.2.8. Carcinogenicity: Not classified
- 10.2.2.9. Reproductive toxicity: Not classified
- 10.2.2.10. STOT- single exposure: Not classified
- 10.2.2.11. STOT-repeated exposure: Not classified
- 10.2.2.12. Aspiration hazard: Not classified

11. Ecological information

11.1.	Toxicity:					
11.2.	Acute toxicity	Time	Species	Method	Evaluation	Remarks
11.2.1.	LC50 N/A	96h	Fish	OECD 203	N/A	N/A
11.2.2.	EC50 N/A	48h	Daphnia	OECD 202	N/A	N/A
11.2.3.	EC50 N/A	72h	Algae	OECD 201	N/A	N/A
11.3.	Persistence and degradability: Not available.					
11.4.	Bioaccumulative potential: Not available.					
11.5.	Mobility in soil: Not available.					
11.6.	Results of PBT&vPvB assessment: Not available.					
11.7.	Other adverse effects: No known significant effects or critical hazards.					

12. Disposal considerations

- 12.1. Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.
- 12.2. Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

13. Transport information -

- 13.1. DOT -
- 13.2. Basic shipping requirements:
 - 13.2.1. UN number Not regulated
 - 13.2.2. Proper shipping name Not regulated
 - 13.2.3. Hazard class Not regulated
 - 13.2.4. Packing group Not regulated
 - 13.2.5. Environmental hazards No
- 13.3. IATA -
 - 13.3.1. UN number Not regulated
 - 13.3.2. UN proper shipping name Not regulated
 - 13.3.3. Transport hazard class(es) Not regulated
 - 13.3.4. Packing group Not regulated
 - 13.3.5. Environmental hazards No
- 13.4. IMDG
 - 13.4.1. UN number Not regulated
 - 13.4.2. UN proper shipping name Not regulated
 - 13.4.3. Transport hazard class(es) Not regulated
 - 13.4.4. Packing group Not regulated
 - 13.4.5. Environmental hazards No

14. Regulatory information -

- 14.1. US federal regulations
 - 14.1.1. TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
 - 14.1.2. Not regulated.
 - 14.1.3. CERCLA Hazardous Substance List (40 CFR 302.4)
 - 14.1.4. Not listed.
 - 14.1.5. SARA 304 Emergency release notification
 - 14.1.6. Not regulated.
 - 14.1.7. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)
 - 14.1.8. Not regulated.
- 14.2. Superfund Amendments and Reauthorization Act of 1986 (SARA)
 - 14.2.1. SARA 302 Extremely hazardous substance
 - 14.2.2. Not listed.
 - 14.2.3. SARA 313 (TRI reporting)
 - 14.2.4. Not regulated.
- 14.3. Other federal regulations
 - 14.3.1. Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
 - 14.3.2. Not regulated.



- 14.3.3. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
- 14.3.4. Not regulated.
- 14.3.5. Safe Drinking Water Act (SDWA) Not regulated.
- 14.3.6. FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
- 14.3.7. Glycerol (CAS 56-81-5) Other Flavoring Substances with OSHA PEL's

15. Other information, including date of preparation or last revision -

- 15.1. HMIS@ratings - Health: 0
- 15.2. Flammability: 1
- 15.3. Physical hazard: 0 -
- 15.4. NFPA ratings - Health: 0
- 15.5. Flammability: 1
- 15.6. Instability: 0 -
- 15.7. Disclaimer
 - 15.7.1. This Material Safety Data Sheet (MSDS) was prepared according to UN GHS (the 8th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user' s reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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