Closer Pets (Cat Mate / Dog Mate) – 942 945 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 – 942 945) / Ref 20200319206

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. Hazards identification

2.1. Hazard classification according to GHS - Not applicable

2.2. Label elements

2.2.1. Hazard pictograms -Not applicable

2.2.2. Signal word - Not applicable

2.3. Hazard statements - Not applicable

2.4. Precautionary statements

2.4.1. Prevention - Not applicable

2.4.2. Response- Not applicable

2.4.3. Storage- Not applicable

2.4.4. Disposal- Not applicable

2.5. Hazard description

2.6. Physical and chemical hazards - Liquid, no harm in general situation.

2.7. Health hazards

2.7.1. Inhaled No harm in general situation.

2.7.2. Ingestion Accidental ingestion of the product may be harmful to the health of the individual.

2.7.3. Skin Contact No harm in general situation.

2.7.4. Eye - This product may cause temporary discomfort following direct contact with the eye.

2.8. Environmental hazards

2.8.1. Please refer to 12th chapter of SDS.

3. Composition / information on ingredients

3.1. Components	**CAS#**	**Percent**
3.2. Carbomer	9007-20-9	0.9%
3.3. AQUA	7732-18-5	99.1%

4. First-aid Measures

4.1. Description of first aid measures

4.2. General advice

4.2.1. Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.3. Eye contact

4.3.1. Rinse thoroughly with plenty of water for af least 15 minutes and consult a physician if feel uncomfortable.

4.4. Skin contact

4.4.1. No harm in general situation. First aid is not needed.

4.5. Ingestion

4.5.1. Never give anything by mouth to an unconscious person.

4.6. Inhalation

4.6.1. No harm in general situation. First aid is not needed.

4.7. Protecting of first-aiders

4.8. Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.9. Most important symptoms and effects, both acute and delayed

4.9.1. Please see section 11.

4.10. Indication of any immediate medical attention and special treatment needed

4.10.1. Treat symptomatically.
4.10.2. Symptoms may be delayed.

5. Fire-fighting measures

5.1. Extinguishing media
5.1.1. Suitable extinguishing media - Use extinguishing media suitable for surrounding area.
5.1.2. Unsuitable extinguishing media - There is no restriction on the type of extinguisher which may be used
5.2. Specific hazards arising from the substance or mixture
5.2.1. May expansion or decompose explosively when heated or involved in fire.
5.2.2. Not combustible, not considered a significant fire risk, however containers may burn.
5.3. Advice for firefighters
5.3.1. As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
5.3.2. Fight fire from a safe distance, with adequate cover.
5.3.3. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. Accidental release measures -

6.1. Accidental release measures
6.1.1. Personal precautions, protective equipment and emergency procedures
6.1.1.1. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
6.1.1.2. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
6.1.1.3. Use personal protective equipment. Avoid breathing vapours, mist or gas.
6.1.2. Environmental precautions
6.1.2.1. Prevent further leakage or spillage if safe to do so.
6.1.2.2. Discharge into the environment must be avoided.
6.1.3. Methods and materials for containment and cleaning up
6.1.3.1. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
6.1.3.2. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
6.1.3.3. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

7. Handling and storage

7.1. Precautions for handling
7.1.1. Handling is performed in a well ventilated place.
7.1.2. Avoid contact with eyes.
7.1.3. Keep away from heat/sparks/open flames/ hot surfaces
7.2. Precautions for storage
7.2.1. Keep containers tightly closed.
7.2.2. Keep containers in a dry, cool and well-ventilated place.
7.2.3. Keep away from heat/sparks/open flames/hot surfaces.
7.2.4. Store away from incompatible materials and foodstuff containers.

8. Exposure controls / personal protection

8.1. Control parameters
8.2. Occupational Exposure limit values
8.2.1. Occupational Exposure limit values - No relevant regulations
8.3. Biological limit values
8.3.1. Biological limit values - No relevant regulations
8.4. Monitoring methods
8.4.1. EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biolo ical a ents.
8.4.2. GBZ/T 160.1 —GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard)
8.5. Engineering controls
8.5.1. Ensure adequate ventilation, especially in confined areas.
8.5.2. Ensure that eyewash stations and safety showers are close to the workstation location.
8.5.3. Set up emergency exit and necessary risk-elimination area.
8.5.4. Handle in accordance with good industrial hygiene and safety practice.
8.6. Personal protection equipment
8.6.1. General requirement - No special requirements, please see the description below.
8.6.2. Eye protection - In general situation, eye protection is not needed. In the production process, when contacting with vapour, tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).

8.6.3. Hand protection - In general situation, hand protection is not needed.
8.6.4. Respiratory protection - In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
8.6.5. Skin and body Protection - In general situation, skin and body protection are not needed.

9. Physical and chemical properties

9.1.	Appearance	Blue liquid in plastic box
9.2.	Odor	Slight odor
9.3.	Odor threshold	No information available
9.4.	pH	6-7
9.5.	Melting point/freezing point °c)	No information available
9.6.	Initial boiling point and boiling range(0C)	> 35
9.7.	Flash point(CIosed cu ,OC)	> 70
9.8.	Evaporation rate	No information available
9.9.	Flammability	Not combustible
9.10.	Upper/lower explosive limits[%(v/v)]	Upper limit: Not combustible; Lower limit: Not combustible
9.11.	Vapor pressure	No information available
9.12.	Relative vapour density (Air = 1)	No information available
9.13.	Relative density (Water=l)	No information available
9.14.	Solubility(mg/L)	No information available
9.15.	n-octanol/water partition coefficient	No information available
9.16.	Auto-ignition temperature(0C)	No information available
9.17.	Decomposition temperature(0C)	No information available
9.18.	Kinematic viscosity	No information available
9.19.	Particle characteristics	Not applicable

10. Stability and reactivity

10.1. Reactivity - Contact with incompatible substances can cause decomposition or other chemical reactions.
10.2. Chemical stability - Stable under proper operation and storage conditions
10.3. Possibility of hazardous reactions - In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.
10.4. Conditions to avoid - Incompatible materials
10.5. Incompatible materials, heat, flame and spark - Alkali, sodium, calcium, and other active metal, halogen, metal oxide, non metal oxide, acyl halide and metal phosphide.
10.6. Hazardous decomposition products - Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information -

11.1. Acute toxicity - No information available
11.2. Carcinogenicity

11.2.1.	Cas No.	Component	IARC	NTP
11.2.2.	9007-20-9	Carbomer	Not Listed	Not Listed
11.2.3.	7732-18-5	Water	Not Listed	Not Listed

11.3. Others - Ice Pack, Coolant, Phase Change Material

11.4.	Skin corrosion/irritation	Based on available data, the classification criteria are not met
11.5.	Serious eye damage/irritation	Based on available data, the classification criteria are not met
11.6.	Skin sensitization	Based on available data, the classification criteria are not met
11.7.	Respiratory sensitization	Based on available data, the classification criteria are not met
11.8.	Reproductive toxicity	Based on available data, the classification criteria are not met
11.9.	STOT-single exposure	Based on available data, the classification criteria are not met
11.10.	STOT-repeated exposure	Based on available data, the classification criteria are not met
11.11.	Aspiration hazard	Based on available data, the classification criteria are not met
11.12.	Germ cell mutagenicity	Based on available data, the classification criteria are not met
11.13.	Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12. Ecological information

12.1. Acute aquatic toxicity - No information available
12.2. Chronic aquatic toxicity - No information available
12.3. Persistence and degradability

12.3.1.	Component	Cas No.	Persistence (water/soil)	Persistence (air)
12.3.2.	Water	7732-18-5	Low	Low

12.4. Bioaccumulative potential

12.4.1. Component Cas No. Bioaccumulative potential Comments
12.5. Water 7732-18-5 Low Log Kow=-l .38
12.6. Mobility in soil
12.6.1. Component Cas No. Mobility in soil Soil Organic Carbon-Water Partitionin Coefficient (Koc)
12.6.2. Water 7732-18-5 Low 14.3
12.7. Results of PBT and vPvB assessment
12.7.1.1. Cas No. Component Results of PBT and vPvB assessment E No 1907/2006)
12.7.2. 9007-20-9 Carbomer not PBT/vPvB
12.7.3. 7732-18-5 Water not PBT/vPvB

13. Disposal considerations

13.1. Waste chemicals
13.1.1. Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
13.2. Contaminated packaging
13.2.1. Containers may still present chemical hazard when empty. Keep away from hot and ignition source fire. Return to supplier for recycling if possible.
13.3. Disposal Recommendations
13.3.1. Refer to section waste chemicals and contaminated packaging.

14. Transport information -

14.1. Label and Mark
14.1.1. Transporting Label Not applicable
14.2. IMDG-CODE
14.2.1. IMDG-CODE - NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
14.3. ICAO/IATA-DGR
14.3.1. ICAO/IATA-DGR - NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
14.4. UN-ADR
14.4.1. UN-ADR - NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15. Regulatory information -

15.1. Regulatory information
15.1.1. International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
CARBOMER	N	N	Y	Y	Y	Y	Y	Y	N
WATER	Y	Y	Y	Y	Y	Y	Y	Y	Y

Y Indicates that the substance included in the regulations
N That no data or included in the regulations

(EINECS) European Inventory of Existing Commercial Chemical Substances
(TSCA) United States Toxic Substances Control Act Inventory
(DSL) Canadian Domestic Substances List
(IECSC) China Inventory of Existing Chemical Substances
(NZIoC) New Zealand Inventory of Chemicals
(PICCS) Philippines Inventory of Chemicals and Chemical Substances
(KECII) Existing and Evaluated Chemical Substances
(AICS) Australia Inventory of Chemical Substances
(ENCS) Existing And New Chemical Substances

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

16.1. Information on revision
16.1.1. Creation Date 05/2021
16.1.2. Revision Date -
16.1.3. Reason for revision -
16.2. Abbreviations and acronyms
16.2.1. CAS —Chemical Abstracts Service
16.2.2. PC-STEL- Short term exposure limit
16.2.3. DNEL - Derived No Effect Level
16.2.4. CMR - Carcinogens, mutagens or substances toxic to reproduction
16.2.5. PC-TWA - Time Weighted Average
16.2.6. IARC - International Agency for Research on Cancer

16.2.7. RPE - Respiratory Protective Equipment
16.2.8. LCso - Lethal Concentration 50%
16.2.9. NOEC -No Observed Effect Concentration
16.2.10. PBT - Persistent, Bioaccumutative, Toxic
16.2.11. BCF - Bioconcentration factor (BCF)
16.2.12. IMDG-International Maritime Dangerous Goods
16.2.13. UN-The United Nations
16.2.14. NFPA-National Fire Protection Association
16.2.15. PNEC —Predicted No Effect Concentration
16.2.16. LDso- Lethal Dose
16.2.17. EGO - Effective Concentration 50%
16.2.18. POW - Partition coefficient Octanol: Water
16.2.19. vPvB - very Persistent, very Bioaccumulative
16.2.20. ICAO/lATA-International Civil Aviation Organization/International Air
16.2.21. Transportation Association
16.2.22. ACGIH-American Conference of Governmental Industrial Hygienists
16.2.23. OECD-Organization for Economic Co-operation and Development

16.3. Disclaimer

16.3.1. 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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