

Issuing date: 3/31/2022

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1. Identification of the substance/preparation and the company/undertaking

GHS product identifier

Product name: Instant cold pack

Other mean of identification

Product code(s): 102, 103B, 11440-012B, 11440-512B, 11440-900, 11445-020B, 20104, 20204, 207514, 33101, 33107, 331112, V11440-012, V11440-512, V11440-900, 11447-010, 115500-010, V11500-010, 30635-611, 102GVT, 103BGVT, 11440-900GVT, 11447-010GVT, 11500-010GVT.

Recommended use of the chemical and restrictions on use

Cold application for cold therapy

Supplier address/information:

Cardinal Health
7000 Cardinal Place
Dublin, Ohio 43017
TEL: 1.800.964.5227 (Customer Service, 7:30 am (EST) – 8:00 pm (EST))

Emergency telephone number: CHEMTREC 1.800.424.9300

2. Hazards Identification

Classification

This product is not considered hazardous according to U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and U.N. GHS ST/SG/AG 10/30.

Emergency overview

Signal Word(s): None

OSHA Hazards

Not classified

GHS Classification and Label Elements

This product is not a hazardous article

Hazard statement(s)

None

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Precautionary statements

None

Response

None

Storage

None

Disposal

None

NFPA

HEALTH=0

FIRE=0

REACTIVITY=2

HMIS

HEALTH:0

FIRE:0

REACTIVITY:2

3. Composition/Information on ingredients

Chemical name / component	CAS-No	Weight %	Classification
Water	confidential	confidential	confidential
Calcium Ammonium Nitrate	confidential	confidential	confidential

4. First aid measures**Description of necessary first-aid measures**

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes. Ensure complete irrigation of the eye by keeping the eyelid apart and away from the eye and moving the eyelids. Seek medical attention if feeling uncomfortable. Removal of contact lenses after eye injury should be conducted by skilled professional.

Skin contact: Take off contaminated clothing and shoes. Rinse skin with water/shower for at least 15 minutes. Seek medical attention if feeling uncomfortable.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. Call a poison center or doctor/physician if you feel unwell.

Ingestion: Rinse mouth with plenty of water, do not induce vomiting. Get medical attention.

Primary Routes of Entry: Eye and skin contact; ingestion; inhalation

General Information: If medical attention is required, show the Safety Data Sheet (SDS) to the doctor in attendance.

5. Fire-fighting measures

Nonflammable liquid

Suitable extinguishing media: Do not use dry chemical, CO₂, foam or halogenated-type extinguishers. Use flooding quantities of water.

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Specific hazards arising from the chemical: Avoid storage with reducing agents. Avoid any contamination of this material as it is reactive, and any contamination is potentially hazardous.

Protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Hazardous decomposition products: Nitrogen oxide

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Remove all sources of ignition, ensure adequate ventilation. Take precautionary measures against static discharges. Evacuate personnel to safe areas. Keep people away from upwind of spill/ leak. Use personal protective equipment. Avoid breathing vapors and contacting with skin and eyes. Wear protective clothing, gloves, safety glasses and dust respirator.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Use only non-sparking tools. Absorb spilled material in dry sand or inert absorbent. In event of large amount of spillage, contain a spill by bundling. Collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and storage

Handling:

Handling should be performed in well ventilated area. Wear suitable protective equipment. Avoid contact with skin and eyes. Avoid inhalation of vapors or mist. Keep away from sparks and open flames. Take precautionary measures against static discharge. Wash hands and face after using the substance. Replace the contaminated clothing immediately.

Storage:

Store locked up. Keep away from heat, sparks, and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Ensure the eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment

Eye/face protection: Tight fitting safety goggles (approved by EN 166(EU) or NIOSH(US)).

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Use appropriate respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Recommended filter type: low boiling organic solvent, type AX, brown, conforming to EN371.

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9. Physical and chemical properties

Information on basic physical and chemical properties

Properties	
Appearance	Granules and Liquid
Odor	N/A
pH	N/A
Boiling Point (°C)	N/A
Flash Point	N/A
Flammability (solid, gas)	N/A
Explosive properties	N/A
Oxidizing properties	N/A
Vapor pressure	N/A
Relative density	N/A
Solubilit(ies)	Soluble in water
Partition coefficient: n-octanol/water	N/A
Viscosity	N/A
Vapor density	N/A
Evaporation rate	N/A

10. Stability and reactivity

Chemical stability: The product is stable under normal conditions of use, storage, and transport.

Conditions/ materials to avoid: Avoid melts and decomposes when strongly heated. Organic material, oils, or charcoals, reducing agent.

Hazardous decomposition products: Nitrogen oxide, no polymerization.

11. Toxicological information

Precautionary Statement: If medical attention is required, show this safety data sheet (SDS) to the doctor in attendance.

Potential Health Effects:

Inhalation – No information available

Eye – No information available

Skin – No information available

Ingestion – No information available

Primary Routes of Exposure: Percutaneous, Inhalation

Potential Effects of Chronic Exposure: No information available.

Irritation/Skin sensitization: No information available.

Teratogenicity: Based on available data, the classification criteria are not met.

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Mutagenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity: No information available

Biodegradability: No information available

Bioaccumulation: No information available

Mobility: No information available

Other Adverse Effects: No information available

13. Disposal considerations

Waste disposal methods: Dispose according to local, state, and national regulations for recycling or disposal.

14. Transport information

UN NUMBER

DOT: Not applicable

IATA: Not applicable

IMDG: Not applicable

Transportation Hazard Class(es)

The product is not classified as dangerous according to DOT, ADR, IMDG, IATA

Hazard Label: Not applicable

DOT Class: Not applicable

Label: Not applicable

ADR Class: Not applicable

Label: Not applicable

IMDG, IATA Class: Not applicable

Label: Not applicable

Packaging Group: Not applicable

Packaging Instructions: Not applicable

Special Provisions: Not applicable

IMDG Limited Quantity (LQ): Not applicable

Expected Quantities (EQ): Not applicable

UN Model Regulation: TDG (18th)

ORM-D: Not applicable

15. Regulatory information

US State Regulations:

California –8 CCR Section 339 Director's List of Hazardous Substances: Not Listed

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International Regulations:

International Chemical Inventories:

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	no
Canada	Domestic Substances List (DSL)	no
China	Inventory of Existing Chemical Substances in China (IECSC)	no
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	no
Korea	Existing Chemicals List (ECL)	yes
New Zealand	New Zealand Inventory	yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	no
United States	Toxic Substances Control Act (TSCA) Inventory	yes

A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

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General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet