

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name **ProCure Instant Cold Pack**

Product Code PC1210

Company Name TwinMed LLC.
(Supplier of SDS)

Address 11333 Greenstone Ave. • Santa Fe Springs, CA 90670

Contact 1-877-TwinMed (894-6633)

Emergency 1-877-TwinMed (894-6633)

Relevant Use Cold application for cold therapy

2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

The product is not classified as dangerous 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/or U.N. GHS ST/SG/AC 10/30.

GHS LABEL ELEMENTS: The substance is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS & SIGNAL WORD

This product is not a hazardous article and need not be labelled

HAZARD-DETERMINING COMPONENTS OF LABELING:

None

HAZARD STATEMENTS:

None

PRECAUTIONARY STATEMENTS:

Prevention

None

Response

None

Storage

None

Disposal

None

CLASSIFICATION SYSTEM: NFPA DEFINITIONS: 0-LEAST, 1-SLIGHT, 2-MODERATE, 3-HIGH, 4-EXTREME

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION: Mixture consisting of the following components

IUPAC	Concentration (weight percent, %)	MOLECULAR FORMULA	IDENTIFIERS
Water	40-60	H ₂ O	CAS:7732-18-5
Calcium Ammonium Nitrate	40-60	CaH ₄ N ₄ O ₉	CAS:15245-12-2

SAFETY DATA SHEET



4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION: If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

PRIMARY ROUTES OF ENTRY: Eye and skin contact; ingestion; inhalation.

AFTER INHALATION: Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

AFTER SKIN CONTACT: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available)

AFTER EYE CONTACT: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids

AFTER SWALLOWING: Do not induce vomiting, gargle with water, get medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:
No information available

5. FIRE FIGHTING MEASURES

GENERAL INFORMATION: Nonflammable liquid

FLASH POINT: No information available

AUTOIGNITION TEMPERATURE: No information available

EXTINGUISHING MEDIA: USE FLOODING QUANTITIES OF WATER.

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT use dry chemical, CO₂, foam or halogenated-type extinguishers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid storage with reducing agents. Avoid any contamination of this material as it is reactive and any contamination is potentially hazardous.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxide

SAFETY DATA SHEET



6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

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

SPILL AND LEAK PROCEDURES:

- 1、 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
- 2、 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 3、 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

ENVIRONMENTAL PRECAUTIONS:

- 1、 Prevent further leakage or spillage if safe to do so.
- 2、 Do not let product enter drains

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING & STORAGE:

Protective measures

Handling is performed in a well ventilated place.
Wear suitable protective equipment.
Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.

Measures to prevent fire

Keep away from sparks/open flames.
Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

Not applicable

OTHER PRECAUTIONS:

Wash hands and face after using of the substances
Replace the contaminated clothing immediately.
In addition to use mentioned in the first parts, unforeseen other specific end uses.

SAFETY DATA SHEET



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

EYE PROTECTION: Tightly fitting safety goggles (approved by EN166(EU) or NIOSH(US)).

SKIN PROTECTION: Wear protective clothing.

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas.
Ensure that eye wash stations and safety showers are close to the workstation location.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

9. PHYSICAL AND CHEMICAL PROPERTIES

pH:	Not applicable
Boiling Point:	No information available
Freezing Point:	No information available
Specific Gravity (H2O=1):	No information available
Vapor Pressure (mmHg):	No information available
Vapor Density (AIR=1):	No information available
Evaporation Rate (Butyl Acetate=1):	No information available
Solubility in Water:	Soluble in water
Appearance and Odor:	Granules and liquid

10. STABILITY AND REACTIVITY

STABILITY: Stable under proper operation and storage conditions

CONDITIONS TO AVOID: Melts and decomposes when strongly heated

INCOMPATIBILITY (MATERIAL TO AVOID): Organic material, oils or charcoals, reducing agent.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Nitrogen oxide

HAZARDOUS POLYMERIZATION: No polymerization

SAFETY DATA SHEET



11. TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS: 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
TARGET ORGANS	No information available

PRIMARY ROUTES OF EXPOSURE Percutaneous, Inhalation

POTENTIAL EFFECTS OF CHRONIC EXPOSURE No information available.

IRRITATION/SENSITIZATION No information available.

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

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 METHOD: Before disposal should refer to there levant national and local laws and regulation.

SAFETY DATA SHEET



14. TRANSPORT INFORMATION

UN NUMBER

DOT, ADR, IMDG, IATA: Not applicable

UN PROPER SHIPPING NAME

DOT: Not applicable

ADR: Not applicable

IMDG, IATA: Not applicable

TRANSPORT HAZARDCLASS(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

PACKING GROUP: Not applicable

PACKING INSTRUCTION: Not applicable

SPECIAL PROVISIONS: Not applicable

IMDG LIMITED QUANTITY (LQ): Not applicable

EXCEPTED QUANTITIES (EQ): Not applicable

UN MODEL REGULATION: TDG (18th)

ORM-D: Not applicable

15. REGULATORY INFORMATION

International chemical inventory:

Component	ENECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
Water	✓	✓	✓	✓	✓	✓	✓	✓	✓
Calcium ammonium nitrate	✓	✓	✗	✗	✓	✗	✓	✗	✗

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

KECI: Korea Existing Chemicals Inventory

AIIC: Australia Inventory of Industrial Chemicals(AIIC)

ENCS: Japan Inventory of Existing & New Chemical Substances

Note:

"✓" Indicates that the substance included in the regulations.

"✗" No data or not included in the regulation

SAFETY DATA SHEET



16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.