

SAFETY DATA SHEET FOR PCM18

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PCM18 (includes: PCM18-P) Chill-Its® 6250 Phase Change Cooling Vest Packs
Date: March 2018
Synonym: None
Chemical Name: Paraffin Blend
Identified Uses of the Substance: Thermal management (packaging, electronics, etc.)
Company: Ergodyne 1021 Bandana Boulevard East Suite 220 Saint Paul, MN USA 55108
Phone: 651 642 9889 // 800 225 8238

2. HAZARDS IDENTIFICATION

Classification of the Substance

GHS Classification in accordance with 29 CFR 1910.1200:

H304 Aspiration hazard (Category 1)
H315 Causes skin irritation

GHS Label elements and precautionary statements

Pictogram:



Signal Word: Danger

Hazard Statements:

H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation

Precautionary Statements:

P281 Use personal protective equipment as required.
P305 IF IN EYES: immediately flush with water for
P301, P310 IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician.
P302, P352 IF ON SKIN: Wash with plenty of soap and water.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Name</u>	<u>CAS Number</u>	<u>% by Weight</u>
Paraffin Blend	8002-74-2	98 - 100

4. FIRST AID MEASURES

If inhaled: Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

In case of skin contact: Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Wash clothes before reuse. Get medical attention if irritation develops or persists.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

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If swallowed: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Extinguisher Media: Use dry chemical powder, CO₂, or foam.
Special Remarks on Fire Hazards: Wear self-contained breathing apparatus for fire fighting if necessary.
Special Remarks on Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, mist, or gas.

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material (sand, earth, diatomaceous earth, vermiculite), and place in container for disposal according to local/national regulations (see section 13). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Store in closed containers away from heat or flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substances with occupational exposure limit values. Recommended Personal protective equipment:

Respiratory protection:

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin and body protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid
Odor: Slightly waxy odor
Solubility: Insoluble
Melting point: 18°C
Boiling point: 287°C
Flash point: 135°C (275°F) – closed cup
Ignition temperature: No data available
Lower explosion limit: No data available
Upper explosion limit: No data available
Density: 0.77 g/cm³ at 25°C (77°F)
Vapor pressure: 1 hPa (1 mmHg) at 105.3°C (221.5°F)

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10. STABILITY AND REACTIVITY

Stability:	This product is stable under normal conditions of handling and storage.
Instability temperature:	Not available
Conditions of instability:	Heat, ignition sources (flames, sparks, etc.)
Incompatibility with various substances:	Reactive with strong oxidizing agents
Special remarks on reactivity:	None
Corrosivity:	Not available
Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possible, or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity:	No data available
Specific organ toxicity- single exposure (GHS):	No data available
Specific organ toxicity – repeated exposure (GHS):	No data available
Aspiration hazard:	No data available

12. ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
PBT and vPvB assessment:	No data available
Other adverse effects:	No data available

13. DISPOSAL CONSIDERATIONS

Burn in an approved incinerator or dispose of in an approved chemical landfill in accordance with all applicable local, state, and federal regulations. Consult your attorney or appropriate regulatory officials for information on such disposal. Significant amounts of this product should not be dumped, spilled, rinsed or washed into sewers or public waterways.

14. TRANSPORT INFORMATION

DOT (US):	Not dangerous goods
IMDG:	Not dangerous goods
IATA:	Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards:	No known OSHA hazards.
DSL Status:	All components of this product are on the Canadian DSL.
SARA 302 Components:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Europe REACH: On the inventory, or in compliance with the inventory.

USA TSCA: On the inventory, or in compliance with the inventory.

Australia AICS: On the inventory, or in compliance with the inventory.

New Zealand NAIO: On the inventory, or in compliance with the inventory.

Japan ENCS: On the inventory, or in compliance with the inventory.

Korea KECI: On the inventory, or in compliance with the inventory.

Philippines PICCS: On the inventory, or in compliance with the inventory.

China IECSC: On the inventory, or in compliance with the inventory.

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act

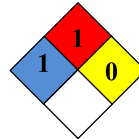
California Prop. 65 Components: This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Classification:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating:



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