

## 1. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** Chill-Its Rechargeable Phase Change Ice Packs

**Product ID#:** 6250, 6283

**Chemical Name:** Paraffin Blend

**Identified Uses:** Thermal management

**Company:** Tenacious Holdings Inc. dba Ergodyne  
1021 Bandana Boulevard East Suite 220  
St. Paul, MN 55108  
Phone: 1-800-225-8238

Emergency telephone numbers:  
1-800-535-5053 or 1-352-323-3500

## 2. HAZARDS IDENTIFICATION

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### 2.1 Classification of the Substance or Mixture;

#### GHS Classification in accordance with 29 CFR 1910.1200:

Aspiration hazard (Category 1), H304

Causes skin irritation, H315

### 2.2 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:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P331 Do NOT induce vomiting.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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<u>Name</u>	<u>CAS Number</u>	<u>% by Weight</u>
Paraffin Blend*	8002-74-2	95 - 100

*The specific blend of materials has been classified as trade secret*

### 4. FIRST AID MEASURES

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**Normal routes of exposure:** Skin/Eye Contact

**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.

**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.

**If inhaled:** Not expected to be an inhalation hazard.

### 5. FIRE FIGHTING MEASURES

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**Extinguisher Media:** Use dry powder, CO<sub>2</sub>, or foam. Material will float on water. Use of water on burning material may spread fire

**Special Remarks on Fire Hazards:** Wear self-contained breathing apparatus for firefighting.

**Special Remarks on Explosion Hazards:** None

### 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions:** Wear appropriate PPE while handling broken pouches.

**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

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#### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing.

Adaptex 18 pouches solidify as temperatures fall below 18°C (approx. 64° F) and liquefy as temperatures rise above 18° C (64°F). The product's optimal operating range is 16°C to 20°C (61°F to 68°F).

**DO NOT** boil the adaptek pouch.

**DO NOT** microwave or flash freeze the adaptek pouch (Excessive heating or cooling can lead to over expansion or contraction of the product and may damage the adaptek pouch.)

**HANDLE WITH CARE.** Check for leaks when the packs are in a liquid state. Dispose of any leaky packs as per instructions

**DO NOT** squeeze, cut or puncture the adaptek pouch.

**7.2 Conditions for safe storage:** Keep packages in a cool, dry, well-ventilated location.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**8.1 Contains no substances with occupational exposure limit values.**

**8.2 Recommended Personal protective equipment:**

**Hand protection:** Handle exposed material 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.

**Skin and body protection:** Product under normal conditions does not pose a risk of exposure. See Sections 4 for first aid information and section 6 for accidental spills and cleanup.

**Eye Protection:** Product under normal conditions does not pose a significant risk of

**Respiratory protection:** Not an inhalation hazard.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Clear, Colorless liquid
<b>Odor:</b>	No data available
<b>Odor Threshold:</b>	No data available
<b>Solubility:</b>	Insoluble
<b>pH:</b>	Not Determined
<b>Melting point:</b>	16° - 20°C
<b>Boiling point:</b>	287 °C (549 °F)
<b>Flash point: (closed cup)</b>	135 °C (275 °F)
<b>Decomposition Temp:</b>	No Data available
<b>Auto Ignition Temp:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Ignition temperature:</b>	No data available
<b>Lower explosion limit:</b>	No data available
<b>Upper explosion limit:</b>	No data available
<b>Density:</b>	0.773 g/cm <sup>3</sup> @15° C

**Vapor density:** No data available  
**Evaporation rate:** No data available  
**Partition coefficient:  
(n-octanol / water)** No data available

**Viscosity:** [8.2@25C](#)

## 10. STABILITY AND REACTIVITY

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**Chemical Stability:** This product is stable under normal conditions of handling and storage.

**Conditions of instability/conditions to avoid:** intense heating

**Incompatibility with various substances:** Reactive with strong oxidizing agents

**Special remarks on reactivity:** None

**Polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

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**Acute toxicity:** No data available  
**Skin corrosion/irritation:** repeated exposure may cause skin dryness or cracking  
**Serious eye damage/eye irritation:** No data available  
**Respiratory or skin sensitization:** No data available  
**Germ cell mutagenicity:** No data available  
**Carcinogenicity:**

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:** Prolonged aspiration may cause pulmonary edema and pneumonitis

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATIONS

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### 13.1 Waste Treatment Methods

**Product:**

Dispose of unused or leaking products and/or packaging in accordance with all Federal/State and Local laws in approved solid waste disposal receptacles.

**Spilled or Accidentally Released Material:**

Contain spillage, and then collect with absorbent material and place in container for disposal in accordance with all Federal/State and Local laws.

## 14. TRANSPORT INFORMATION

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**DOT (US):** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

## 15. REGULATORY INFORMATION

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**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.

**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 NAIoC:** 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.

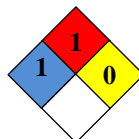
**16. OTHER INFORMATION**

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HMIS Classification:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	0

NFPA Rating:



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Revised: November 21, 2023

Revision Number: 2

Supersedes: 6/14/2020

Indication of Changes: Updated Section 1

Version: 2

Revision Date: 11/21/2023