

MICROTEK LABORATORIES, INC.
SAFETY DATA FOR PCM18

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PCM18
DATE: February 2015
SYNONYM: None
CHEMICAL NAME: Hydrocarbon Blend
COMPANY: Ergodyne 1021 Bandana Boulevard East Suite 220 Saint Paul, MN, USA 55108
Phone: 651 642 9889 // 800 225 8238

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards/GHS Classification:

Aspiration hazard (Category 1), H304 (see section 16)

Pictogram:



Signal word:

Danger

Hazard Statements:

H304 May be fatal if swallowed and enters airways

Precautionary Statements:

P301, P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant.

HMIS Classification:

Health hazard: 0

Flammability: 1

Physical hazards: 0

NFPA Rating:

Health hazard: 0

Fire: 1

Reactivity hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation or dryness/cracking with repeated exposure.

Eyes: May cause eye irritation

Ingestion: May be fatal if swallowed and enters airways.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Name</u>	<u>CAS Number</u>	<u>% by Weight</u>
Hydrocarbon Blend	8002-74-2	99 – 100

4. FIRST AID MEASURES

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance
If inhaled:	Move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact:	Wash off with soap and plenty of water.
In case of eye contact:	Flush eyes with water as a precaution.
If swallowed:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE FIGHTING MEASURES

Extinguisher Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Special Remarks on Fire Hazards: Material will float on water. Use of water on burning material may spread fire.

Special Remarks on Explosion Hazards: None

Special hazards arising from the substance or mixture: carbon oxides

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapors, mist, or gas. Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. For PPE see section 8.

Environmental precautions: Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

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. Keep away from sources of ignition. NO SMOKING. Take measures to prevent the buildup of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Appropriate engineering controls: handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and the end of workday.

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.

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Face/eye protection:

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

Skin and body protection:

Handle with gloves. 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 above ~18°C (64°F)
ODOR:	Slight waxy odor
SOLUBILITY:	Insoluble to very slight water solubility
MELTING POINT:	~18° C (64°F)

The following data are based upon literature values for similar compounds; PCM18 not tested for the following:

BOILING POINT:	286°C
FLASH POINT:	135°C (275°F)
IGNITION TEMPERATURE:	215°C (419°F)
DENSITY:	0.77 g/cm ³ at 25°C (77°F)
VAPOR PRESSURE:	< 0.1 mbar at 20°C

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 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:

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

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Potential health effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

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

Waste disposal: offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US): Not regulated as dangerous goods

IMDG: Not regulated as dangerous goods

IATA: Not regulated as dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards: Combustible liquid, Target organ effects

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

Full text of H-statements referred to under section 2: H304: May be fatal if swallowed and enters airways

To best of our knowledge, the above information is correct, but no guarantee is to be implied. The products discussed are sold without warranty, express or implied, on the condition that the purchasers shall make their own determinations of suitability of the product for their purposes. Nothing in this bulletin shall be construed as granting permission to use or practice any invention covered by any patent.