



PCI-GPS

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NFPA/HMIS: Health 1
Flammability 0
Reactivity 0

MATERIAL SAFETY DATA SHEET **U.S. DEPARTMENT OF LABOR**
COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS 29CFR1910.1200

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: PCI-GPS
PRODUCT USE: ANIONIC POLYMER DETERGENT

MANUFACTURER:
INNOVATIVE CHEMICAL TECHNOLOGIES, INC.
103 WALNUT GROVE ROAD
CARTERSVILLE, GEORGIA 30120

EMERGENCIES: (770) 607-9340

REVISION DATE: October 10, 2005 (0)

SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

<u>COMPONENTS</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV</u>	<u>LD50</u>
Glycol Ether EB	111-76-2	<20	121mg/m ³	1.48g/Kg (rat)

There are no components in this material that are considered hazardous under 29CFR1910.1200

SECTION 3 HAZARDS IDENTIFICATION

Primary routes of entry:

Eye contact, skin contact/absorption, inhalation or ingestion.

Signs and symptoms of overexposure:

Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

Target organ effects:

Irritation of the skin and eyes.

Immediate health effects:**Eyes**

Overexposure may cause irritation.

Skin

Overexposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking. Additional symptoms of skin contact may include allergic skin reaction. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Inhalation

Short term inhalation is not likely to cause harmful effects. Breathing large amounts may be harmful.

Ingestion

Single dose oral toxicity is low. Swallowing large amounts may be harmful.

Reproductive/developmental information:

No data.

Carcinogenic information:

None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

Long term effects:

No data.

SECTION 4 FIRST AID MEASURES**Eyes:**

Flush eyes with water for at least 15 minutes. If irritation persists, call a physician.

Skin:

If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, call a physician

Inhalation:

If symptoms of overexposure develop, remove to fresh air. If symptoms persist, call a physician.

Ingestion:

Give 8 to 16 ounces of water to dilute substance. Call a physician or local Poison Control Center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Flash point (° Fahrenheit):

> 200F

Explosive limits:

No data

Autoignition temperature:

No data

Hazardous products of combustion:

Carbon monoxide, carbon dioxide, and toxic fluorinated decomposition products may be formed during combustion.

Extinguishing media:

Use water spray, foam, dry chemical powder or carbon dioxide.

Fire fighting instructions:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

NFPA/HMIS ratings:

Health: 1, Flammability: 0, Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

Small spill:

For small spills, soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

Large spill:

Wear respirator and protective clothing as appropriate. Shut off source of leak if it is safe to do so. Dike and contain spilled material. Remove with vacuum trucks or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material. Flush area with water to remove trace residue.

SECTION 7 HANDLING AND STORAGE

Handling:

Handle and open containers with care. Do not handle near an open flame, heat, or other source of ignition. Since emptied containers retain product residues, (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage:

Store in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Eye protection:**

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses. Consult your safety representative.

Skin protection:

Wear rubber gloves (consult your safety representative). Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

Respiratory protection:

If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative).

Engineering controls or administrative controls should be implemented to reduce exposure.

Engineering controls:

Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**Appearance and odor**

Pale yellow liquid with ammonia odor.

pH 9.5-10.5

Vapor pressure

No data

Vapor density

No data

Boiling Point

212° F

Solubility in water

Complete

Evaporation rate

(water = 1) approximately 1

Percent volatiles

72 %

Density

1.05 +/- 0.02

SECTION 10 STABILITY AND REACTIVITY

Chemical stability:

Stable / Stable in solution with Peroxides

Conditions to avoid:

Static discharge, heat, open flame, and other sources of ignition.

Materials to avoid:

Bleach (Sodium Hypochlorite)

Hazardous decomposition:

Carbon monoxide and carbon dioxide may be formed during combustion.

Hazardous polymerization:

Not applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of exposure:

Skin absorption, eye contact, inhalation, and ingestion.

Carcinogenicity:

None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

Teratogenicity, mutagenicity, or other reproductive effects:

No data.

Conditions aggravated by exposure:

No data.

Synergistic materials:
No data.

SECTION 12 ECOLOGICAL INFORMATION

No data.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste disposal information:
Dispose in accordance with all applicable federal, state, and local regulations.
RCRA information:
If this material becomes a waste, it would not be considered hazardous under 40CFR261.22.

SECTION 14 TRANSPORT INFORMATION

DOT information – 49CFR172.101
DOT description:
Compounds, cleaning, liquid – NOS
DOT hazardous class:
Non hazardous
Hazardous components:
None
Reportable quantity – 49CFR172.101
Not applicable

SECTION 15 REGULATORY INFORMATION

US federal regulations:
TSCA status:
The intentional components of this product are listed.
CERCLA reportable quantities – 40CFR355 Appendix A:
None
SARA 311/312 – 40CFR370.2:
Fire – no; Pressure- no; Reactivity- no; Acute- yes; Chronic- yes
SARA 313 – 40CFR372.65:
None

State and local regulations:

California Proposition 65:

Components

CAS no.

Concentration

None

Massachusetts:

Components

CAS no.

Concentration

None

SECTION 16 OTHER INFORMATION

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

End of MSDS

Prepared by: Polymer Concepts, Inc.

705 Hembree Place, Suite A, Roswell, GA 30076

Phone: 678-802-6018