

Product Code: MSDS047
Product Name: PCS
 ITEM CODE: PCS4LB

24-hour Emergency Phone: (800) 535-5053

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY:
 DAYCON PRODUCTS COMPANY, INC.
 16001 TRADE ZONE AVE.
 UPPER MARLBORO, MD 20774

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Sodium Carbonate Peroxyhydrate	15630-89-4	Not Regulated
Sodium Carbonate	497-19-8	Not Regulated
Sodium metasilicate	6834-92-0	Not Regulated

3. HAZARDS IDENTIFICATION

Irritant of the eyes and skin, of the mucous membranes and of the respiratory tract. If swallowed, causes abdominal pain and gastric discomfort.

Risk of serious damage to the eyes.

Potential Health Effects

EYE:

Causes irritation, redness, and pain. Can cause eye damage.

SKIN:

Moderately irritating.

INGESTION:

Can cause irritation of the upper gastrointestinal tract with pain and distention of the stomach and esophagus due to liberation of oxygen.

INHALATION:

Nose and throat irritation. At high concentrations may cause coughing.

CHRONIC (CANCER) INFORMATION:

Not listed by IARC or NTP as a carcinogen.

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Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS:

Oxygen released on exothermic decomposition may support combustion in case of surrounding fire.
Pressure burst may occur due to decomposition in confined spaces/containers.
Wet product decomposes exothermically and may cause combustion of organic materials

EXTINGUISHING MEDIA:

Use extinguishing method for the surrounding fire. Avoid water if possible, moisture will cause a release of oxygen, which will help fuel the fire.

FIREFIGHTING INSTRUCTIONS:

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines. When intervention in close proximity, wear acid resistant over suit.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Collect free material. Dust respirators may be required.

LARGE SPILL:

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

7. HANDLING AND STORAGE

HANDLING:

Keep containers closed when not in use.

STORAGE:

Take the usual chemicals handling precautions. Avoid contact with eyes, skin and clothing. Wear appropriate protective equipment. Wash thoroughly after handling.
Do not take internally.
Keep out of reach of children.
Do not contaminate food or water by storage or disposal. Keep containers closed when not in use. Store in original containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

RESPIRATORY PROTECTION:

If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

SKIN PROTECTION:

Not normally needed.

EYE PROTECTION:

Wear safety glasses as minimum eye protection. Conditions may warrant the use of chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: NO INFORMATION AVAILABLE.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: NO INFORMATION AVAILABLE.
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.321
pH: Alakaline powder.
ODOR: None.
APPEARANCE: White powder.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Unstable with heat and contamination; liberation of oxygen gas may result in pressure build up in containers.

INCOMPATIBILITY:

Strong Oxidizers, strong acids, strong alkalies. Water or moisture.

HAZARDOUS DECOMPOSITION PRODUCTS:

None Known

HAZARDOUS POLYMERIZATION:

Will not occur.

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11. TOXICOLOGICAL INFORMATION

EYE:

Rabbit, slight irritant.

SKIN:

Rabbit, slight irritant.

INGESTION:

NO INFORMATION AVAILABLE.

INHALATION:

NO INFORMATION AVAILABLE.

SUBCHRONIC:

NO INFORMATION AVAILABLE.

CHRONIC/CARCINOGENICITY:

NO INFORMATION AVAILABLE.

TERATOLOGY:

Not a teratogen.

REPRODUCTION:

Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

PCS
Fishes, Pimephales promelas, LC50, 71 mg/l
Fishes, Pimephales promelas, NOEC, 96h, 7.4 mg/l
Crustaceans, Daphnia pulex, EC50, 4.9 mg/l
Crustaceans, Daphnia pulex, NOEC, 48 h, 2 mg/l

CHEMICAL FATE INFORMATION:

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Degradation products: Sodium carbonate/ carbonic acid/ bicarbonate / hydrogen peroxide (bio)degradable.

13. DISPOSAL CONSIDERATIONS

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.
Dispose empty containers in accordance with applicable regulations.

14. TRANSPORT INFORMATION (Not meant to be all inclusive)

Not regulated in 4 pound package.

15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent

U.S. FEDERAL REGULATIONS:

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

Contains an ingredient that is a fire hazard.

SECTION 313:

Not Regulated.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

C Oxidizing Material

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

NO INFORMATION AVAILABLE.

EINECS:

NO INFORMATION AVAILABLE.

STATE REGULATIONS:

NO INFORMATION AVAILABLE.

VOLATILE ORGANIC COMPOUNDS:

