



SAFETY DATA SHEET

ProChemOnline.com



SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Potassium phosphate dibasic**
PRODUCT NO: 15091
CAS NO: 7758-11-4
SYNONYMS: Dipotassium hydrogenorthophosphate

MANUFACTURER:

ProChem, Inc.
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IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Not a dangerous substance according to the GHS

HMIS CLASSIFICATION:

Health: 1 Flammability: 0 Reactivity: 0 Personal: A

NFPA RATING:

Health: 0 Fire: 0 Reactivity Hazard: 0

EYE CONTACT: May cause eye irritation.

SKIN CONTACT: May cause redness, irritation, itching, and pain.

INHALATION: May cause irritation to the respiratory tract.

INGESTION: Repeated ingestion of small amounts may be harmful.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: K_2HPO_4

Molecular Weight: 174.18

CHEMICAL NAME	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Potassium phosphate dibasic	7758-11-4	>99	No data	No data

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Rinse with plenty of water.

SECTION 4 FIRST AID MEASURES (Cont.)

SKIN EXPOSURE: Flush with plenty of water for at least 15 minutes and was using soap.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medial attention if necessary.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: Product is not flammable

AUTO IGNITION TEMPERATURE: Not applicable

EXPLOSION LIMITS: Not applicable

EXTINGUISHING MEDIUM: Use fire fighting measures that suit the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Potassium oxides and phosphorus oxides

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear approved personal protective equipment. Avoid dust formation. Avoid breathing dust, vapors, mist, or gas.

ENVIRONMENTAL PRECAUTIONS: Do not let product enter drains or allow to be released into the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Pick up and arrange disposal without creating dust and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Ensure adequate ventilation. Keep container closed when not in use. Avoid formation and breathing of dust.

CONDITIONS FOR SAFE STORAGE: Keep container tightly closed. Store in a cool, well-ventilated area. Hygroscopic. Store away from oxidizing agents.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION: Always wear approved safety glasses with side shields, safety goggles, or face shield when handling a chemicals substance in the laboratory.

SKIN PROTECTION: Chemical resistant gloves.

VENTILATION: If possible, handle the material in an efficient fume hood.

RESPIRATOR: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White solid

ODOR: Odorless

MELTING POINT: 340° C

BOILING POINT: No data available

MOLECULAR WEIGHT: 174.18

SPECIFIC GRAVITY: 2.30

VAPOR PRESSURE: No data available

SOLUBILITY IN WATER: Soluble

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Moisture

INCOMPATIBILITY: Strong oxidizers

DECOMPOSITION PRODUCTS: Potassium oxides

SECTION 11 TOXICOLOGICAL DATA

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

MUTAGENIC EFFECTS: No data

TETRATOGENIC EFFECTS: No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 ECOLOGICAL DATA

No information available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

SECTION 14 TRANSPORTATION DATA

Non-hazardous material

SECTION 15 REGULATORY INFORMATION

TSCA: Listed in the TSCA Inventory

SARA 302 COMPONENTS: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA (TITLE 313): 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.

SARA 311/312 HAZARDS: No SARA Hazards

CALIFORNIA PROP. 65 COMPONENTS: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, ProChem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE REVISED: 08/24

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