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SECTION 1: IDENTIFICATION

Effective Date: 12/17/96
Product Name: POTASSIUM PHOSPHATE MONOBASIC
Chemical Formula: KH₂PO₄
CAS No.: 7778-77-0

SECTION 2: HAZARDOUS INGREDIENTS:

Very dangerous in case of eye contact (irritant). Slightly dangerous to dangerous in case of skin contact (irritant), of ingestion, of inhalation. May irritate eyes and skin upon contact. Inflammation of the eye is characterized by redness, watering, and itching

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	Solid
Boiling point:(760 mmHg):	decomposes (400°C or 757°F)
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	2.34
Solubility in water:(by weight)	soluble in cold water
Melting Point:	252.6°C (486.7°F)
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	non-flammable
Fire Fighting Procedures:	non-flammable
Unusual Fire and Explosion Hazards:	not available

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	non-corrosive in presence of glass
Incompatibilities: regarding	No specific information is available in database reactivity in presence of various other materials
Hazardous Decomposition or byproducts:	some metallic oxides - products of degradation are more toxic
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Permissible Exposure Limit: n/a

Toxicity: n/a

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Use appropriate tools to put spilled solid in a convenient waste disposal container.
Finish cleaning by spreading water on the contaminated surface and dispose of
according to local and regional authority requirements.

Disposal: Recycle to process, if possible. Consult your local or regional authorities

SECTION 8: FIRST AID PROCEDURES

First Aid:

Eyes: Check for any remove any contact lenses. Immediately flush eye with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention

Skin: Remove contaminated clothes. Place victim under deluge shower. Gently and thoroughly wash contaminated skin with running water and non-abrasive soap. Clean folds, crevices, creases and groin. Cold water may be used. Cover irritated skin with an emollient. Seek medical help if irritation persists.

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.

Ingestion: Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit will not reenter mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Do not ingest or breath dust. Wear suitable respiratory equipment if necessary. Seek medical advise if ingested and show container on label. Avoid contact with skin and eyes.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Eye Protection: Splash goggles

Protective Gloves: Impervious gloves

Respiratory Protection: Dust respirator

Other Protective Gear: lab coat

SECTION 11: TRANSPORT INFORMATION

DOT classification: not DOT controlled

DOT pictograms: