

MATERIAL SAFETY DATASHEET

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SECTION 1: CHEMICAL IDENTIFICATION

Code #: PC0711-2pk

Name: PBS

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	CAS #:	RTECS #:	%:
Sodium chloride	7647-14-5	VZ4725000	80-90
Potassium chloride	7447-40-7	TS8050000	< 5.0
Sodium phosphate	7558-79-4	WC4500000	10-15
Potassium phosphate	7778-77-0	TC6615500	< 5.0

For more information, see complete RTECS entry.

SECTION 3: HAZARDS IDENTIFICATION

Label Precautionary Statements

Irritant

Irritating to eyes, respiratory system and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing.

SECTION 4: FIRST-AIDS MEASURES

If swallowed, wash out mouth with water provided the person is conscious.

Call a physician.

In case of contact with skin, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Pairing Nature with Scientific Discoveries

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SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

Noncombustible

Use extinguishing media appropriate to surrounding fire conditions.

Special Firefighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

Emit toxic fumes under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Sweep up, place in a bag and hold for waste disposal.

Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE

Refer to Section 8.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles and other protective clothing.

Safety shower and eye bath

Mechanical exhaust required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor

Solid

SECTION 10: STABILITY AND REACTIVITY

Incompatibilities

Strong acids

Hazardous Combustion and Decomposition Products

Nature of decomposition products not known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects

May be harmful by inhalation, ingestion, or skin absorption.

Cause eye and skin irritation.

Material is irritating to mucous membranes and upper respiratory tract.

The toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

For small quantities: Cautiously add to a large stirred excess of water. Adjust the pH to neutral, separate any soluble solid or liquid and package them for hazardous-waste disposal. Flush the aqueous solution down the drain with plenty of water. The hydrolysis and neutralization reactions may generate heat and fumes which can be controlled by the rate of addition. Observe all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated.

SECTION 15: REGULATORY INFORMATION

European Information

Caution: substances not yet fully tested.

Irritant

R 36/37/38

Irritating to eyes, respiratory system and skin.

S 36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

SECTION 16: OTHER INFORMATION

The information contained in this MSDS relates only to the material(s) designated and does not relate to use(s) in combination with any other material, process(es) and/or chemical reaction(s). Vivantis Technologies Sdn. Bhd. provides this information in good faith, from sources believed to be accurate; however, Vivantis assumes no liability for its accuracy or completeness, and thus shall not be held liable for any damage resulting from handling or from contact with the above product.

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