

**MATERIAL SAFETY DATA SHEET
VIVANTIS TECHNOLOGIES SDN BHD**

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SECTION 1: CHEMICAL IDENTIFICATION

Catalogue Number: PC0917-500g
Product Name: Sodium phosphate, monobasic, anhydrous

Intended Use:
For research use only. Not for use in diagnostic procedures.

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EC No.	%
Sodium phosphate, monobasic, anhydrous	7558-80-7	231-449-2	95-100

SECTION 3: HAZARDS IDENTIFICATION

GHS Classification

Not classified as a hazard

SECTION 4: FIRST-AID MEASURES

In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

In case of skin contact, wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

In case of inhalation, move to fresh air. If breathing becomes difficult, give oxygen.

In case of ingestion, clean mouth with water and afterwards drink plenty of water.

SECTION 5: FIRE FIGHTING MEASURES

Not flammable.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazardous decomposition products formed under fire conditions: Toxic fumes

Flash point: Not determined.

Explosion data – sensitivity to mechanical impact: Not sensitive.

Explosion data – sensitivity to static discharge: Not sensitive.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

For personal protection, use personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

For environmental precautions, prevent further leakage or spillage if safe to do so

For cleaning up, avoid dust formation. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practice.

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture.

Incompatible with strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA Approved respiratory protection should be worn. Positive pressure-supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

Eye/ Face protection Tightly fitting safety goggles.

Skin and body protection Wear protective gloves/clothing.

Use engineering measures such as showers, eyewash stations and ventilation systems.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White
Physical state:	Solid
Odor:	No information available
Odor threshold:	No information available
Density:	No information available
pH:	No information available
Melting point:	60°C
Freezing point:	No information available
Initial Boiling point:	No information available
Boiling point:	No information available
Flash point:	No information available

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Autoignition temperature:	No information available
Decomposition temperature:	No information available
Upper Flammability limit in air:	No data available
Lower Flammability limit in air:	No data available
Oxidizing properties:	No information available
Solubility:	No information available
Partition coefficient (n-octanol/water):	No data available
Vapor pressure:	No information available
Vapor density:	No data available
Evaporation rate:	No data available
Specific gravity:	No data available
Viscosity:	No information available
Specific gravity:	No data available
Solubility:	No data available
Viscosity:	No information available
Vapor density:	No data available
Density:	No data available
Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Incompatible products:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	None known based on information supplied.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50:	Rat – 8290 mg/kg
Inhalation LC50:	-
Dermal LC50:	Rabbit - >7940 mg/kg

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Sensitization:	No data available
Mutagenic effects:	No data available
Reproductive toxicity:	No data available
Aspiration hazard:	No data available
Synergistic effects:	No data available

STOT – single exposure:	No data available
STOT – repeated exposure:	No data available

Carcinogenicity

ACGIH: Rat – 8290 mg/kg
IARC: Rabbit - >7940 mg/kg

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Persistence and degradability:	No information available
Bioaccumulation/Accumulation:	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose waste material in accordance with all federal, state and local regulations.
For contaminated packaging, dispose as waste material.

SECTION 14: TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

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SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA	Does not comply
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulation, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. EPA Label Information

EPA Pesticide Registration Number

Not regulated

International Regulations

Mexico – Grade

No information available.

WHMIS Hazard Class

Not determined.

SECTION 16: OTHER INFORMATION

The information contained in this MSDS relates only to the material(s) designed 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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