MATERIAL SAFETY DATA SHEET

VIVANTIS TECHNOLOGIES SDN BHD
REVONGEN CORPORATION CENTER

Document No.: MSDSrev05_PC0909
Date prepared: 10th January 2023 Reviewed: 10th January 2023

SECTION 1: CHEMICAL IDENTIFICATION

Catalogue Number: PC0909-500g
Product Name: Potassium acetate

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

Company Headquarters:
Vivantis Technologies Sdn Bhd
Revongen Corporation Center
Level 17, Top Glove Tower,
No. 16, Persiaran Setia Dagang,
Setia Alam, Seksyen U13, 40170 Shah Alam,
Selangor Darul Ehsan, Malaysia.
Tel: +6 03 3359 1166
Fax: +6 03 3358 0303
Email: info@vivantechnologies.com
Website: www.vivantechnologies.com

Company Manufacturing:
Vivantis Technologies Sdn Bhd
Level 1, Enterprise 2,
Technology Park Malaysia,
Lebuhraya Puchong-Sg. Besi,
57000 Bukit Jalil,
Kuala Lumpur, Malaysia.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EC No.
Potassium acetate	127-08-2	204-822-2

SECTION 3: HAZARDS IDENTIFICATION

GHS Classification

Skin irritant - Category 2
Eye irritant - Category 2

GSH Label elements, including precautionary statements:

Signal word: Warning

Hazard statements

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary statements

P280 Wear protective gloves/ clothing/ eye protection/ face protection.
P302 + P352 Wash with plenty of soap and water if on skin.
P304 + P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing if inhaled.
P305 + P351 + P338 Rinse cautiously with water for several minutes if contact with eyes. Remove contact lens present and easy to do. Continue rinsing.

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 not breathing, give artificial respiration.
In case of ingestion, rinse mouth with plenty of water and drink water afterwards.

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, regular foam or water spray.
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH and full protective gear.

Hazardous decomposition products formed under fire conditions: Carbon oxides.

Flash point:	Not determined.
Explosion data – sensitivity to mechanical impact:	Not sensitive.
Explosion data – sensitivity to static discharge:	Not sensitive.

SECTION 6: ACCIDENTAL RELEASE MEASURES

For personal protection, use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Avoid dust formation and contact with skin, eyes and clothing.
For environmental precautions, prevent further leakage or spillage if safe to do so for containment.
For cleaning up, avoid dust formation. Pick up and transfer to properly labeled containers. Wash and ventilate spill area after material pickup is done.

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	Where exposure limits are exceeded, wear respiratory protection. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Positive pressure-supplied air respirators may be required for high airborne contamination concentrations.
Eye/face protection	Use safety glasses with side-shields.
Skin and body protection	Wear protection 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:	Crystalline powder
Odor:	No information available
Odor threshold:	No information available
pH:	pH5-9 (1M aqueous solution)
Melting point:	292˚C
Boiling point:	No information available
Initial boiling point:	No information available
Freezing point:	No information available
Flash point:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No information available
Upper flammability limits in air:	No data available
Lower flammability limits in air:	No data available
Explosive properties:	No data available
Oxidizing properties:	No information available
Water Solubility:	Soluble in water
Partition coefficient (n-octanol/water):	No data available
MMHG @ 37.8˚C:	No data available
Vapor density:	No data available
Evaporation rate:	No data available
Specific gravity:	No data available
Viscosity:	No information available

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Materials to avoid:	Strong oxidizing agents
Hazardous decomposition product:	Carbon oxides
Hazardous polymerization:	Do no occur
Condition to avoid:	Protect from moisture

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

This product irritates skin, eye and respiratory tract when come in contact.

Oral LD50: Rat – 3250 mg/kg

Chronic toxicity

This product has no known effect to target organ based on information supplied.

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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

This product is harmful to aquatic organisms.

LC50:	Fish – Oncorhynchus mykiss – 6800 mg/L – 96hrs
EC50:	Daphnia magna (water flea) – 7170 mg/L – 24hrs

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose waste material in accordance with all federal, state and local environmental regulation. Observe all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT

Not regulated.

IATA

Not regulated.

SECTION 15: REGULATORY INFORMATION

International inventories

TSCA	Complies
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 Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
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)

This product does not contain any substances regulated as hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act Amendments of 1990.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

International Regulations

Canada

WHMIS Hazard Class

D2B Toxic materials

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.

All Vivantis products are supplied for manufacturing, research and laboratory use only. Researchers and laboratory personnel intending to use any of these products for medical investigation on human are solely responsible for such use and for compliance with the pertinent regulations of the United States Food & Drug Administration (US-FDA) and other regulations. We do not assume liability for damages resulting from the handling, use and/or disposal of these products, from their use in violation of patent or other rights or reliance upon this information.