

#### MATERIAL SAFETY DATA SHEET

# VIVANTIS TECHNOLOGIES SDN BHD REVONGEN CORPORATION CENTER

Document No.: MSDSrev05 PC0909

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# **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.

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## **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:

Explosion data – sensitivity to mechanical impact:

Explosion data – sensitivity to static discharge:

Not sensitive.

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:

Initial boiling point:

No information available
No information available
No information available

Flash point: Not applicable Auto-ignition temperature: No data available

Decomposition temperature: No information available

Upper flammability limits in air:

Lower flammability limits in air:

No data available

No data available

No data available

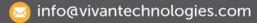
Oxidizing properties: No information available

Water Solubility: Soluble in water

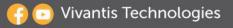
Partition coefficient

(n-octanol/water):No data availableMMHG @ 37.8°C:No data availableVapor density:No data availableEvaporation rate:No data availableSpecific 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.

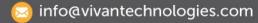
# SECTION 14: TRANSPORT INFORMATION

#### **DOT**

Not regulated.

#### **IATA**

Not regulated.









# **SECTION 15: REGULATORY INFORMATION**

# **International inventories**

**TSCA** Complies DSL/NDSL Complies **EINECS/ELINCS** Complies **ENCS** Complies Complies **IECSC 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).

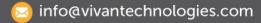
## Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)

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.

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