



MATERIAL SAFETY DATA SHEET

VIVANTIS TECHNOLOGIES SDN BHD REVONGEN CORPORATION CENTER

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SECTION 1: CHEMICAL IDENTIFICATION

Catalogue Number: Product Name: PC1002-5; PC1002-25g Adenosine 5'-Diphosphate, Disodium salt (ADP.2Na)

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

Company Headquarters:

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EC No.
ADP	16178-48-6	240-314-7

Molecular formula: C10H13N5Na2O10P2.2H2O

SECTION 3: HAZARDS IDENTIFICATION

GHS Classification

No information available.

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-AID MEASURES

In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In case of skin contact, wash off immediately with soap and plenty of water.

In case of ingestion, clean mouth with water and later 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 water spray, dry chemical powder, carbon dioxide or appropriate foam.

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

Hazardous decomposition products formed under fire conditions: No information available.

Flash point:	Not determined.
Explosion data – sensitivity to mechanical impact:	No information available.
Explosion data – sensitivity to static discharge:	Not information available.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

For personal protection, avoid raising dust by storing material in appropriate container. For cleaning up, wash spill area with soap solution and flush spill area with copious amounts of water.

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. Hygroscopic. Protect from moisture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face protection Respiratory protection Skin and body protection Wear chemical safety goggles. Wear dust mask and do not breathe dust. Wear protective gloves/clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Powder Odor: No information available Odor threshold: No information available Density: No information available pH: No information available Melting point: No information available Freezing point: No information available Initial Boiling point: No information available Boiling point: No information available Flash point: Not applicable Autoignition temperature: No data available Decomposition temperature: No information available Upper Flammability limit in air: No data available Lower Flammability limit in air: No data available **Explosive properties:** No information available Oxidizing properties: No information available Solubility: No information available Partition coefficient (n-octanol/water): No data available Vapor pressure: No data available Vapor density: No data available

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Evaporation rate:
Specific gravity:
Viscosity:

No data available No data available No information available

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.Materials to avoid:NeHazardous decomposition products:TeHazardous polymerization:HeConditions to avoid:Me

No information available. Toxic fumes and irritating fumes. Hazardous polymerization does not occur. Moisture.

SECTION 11: TOXICOLOGICAL INFORMATION Acute effects

May be harmful if inhaled, swallowed or if absorbed through the skin.

Causes eye and skin irritation.

Material is irritating to mucous membranes and upper respiratory tract.

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

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated.

SECTION 15: REGULATORY INFORMATION

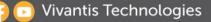
European information

R: 36/37/38 Irritating to eyes, respiratory system and skin.S: 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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U.S. informationEINECS NO.:240 314 7Water pollution hazard rating:1

SECTION 16: OTHER INFORMATION

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