

## N6-(2-ISOPENTENYL)ADENINE 2iP

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** N6-(2-Isopentenyl)adenine 2iP

**Product Code:** 4215

**CAS#:** 2365-40-4

**Chemical Formula:** C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>

**Molecular Formula:** 203.24

**Synonyms :** 6-(γ,γ-Dimethylallylamino)purine

**Chemical Formula:** KCl

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Name:** N6-(2-Isopentenyl)adenine 2iP

**Toxicological Data on Ingredients:** Not Available

### SECTION 3: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not Available.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion:** Not available.

### SECTION 5: FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special hazards arising from the substance or mixture

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

#### Advice for firefighters

Wear self contained breathing apparatus for firefighting if necessary

### SECTION 6: ACCIDENTAL RELEASE MEASURES



#### Personal precautions and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

#### Environmental precautions

Do not let product enter drains.

#### Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### SECTION 7: HANDLING AND STORAGE

#### Conditions for safe storage, including any incompatibilities

##### Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

##### Storage stability

Recommended storage temperature -20 °C

##### Storage class

Storage class (TRGS 510): 13: Non Combustible Solids

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure controls

**Appropriate engineering controls** Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

#### Personal protective equipment

**Eye/face protection** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |                 |
|---|-----------------|
| <b>Physical state and appearance Form</b> | : Solid         |
| <b>Odour</b>                              | : Not available |
| <b>Taste</b>                              | : Not available |
| <b>Molecular Weight</b>                   | : Not available |
| <b>Colour</b>                             | : Not available |
| <b>pH</b>                                 | : Not available |
| <b>Boiling Point</b>                      | : Not available |
| <b>Melting Point</b>                      | : 212 - 214°C   |
| <b>Critical Temperature</b>               | : Not available |
| <b>Specific Density</b>                   | : Not Available |
| <b>Vapor Pressure</b>                     | : Not Available |
| <b>Vapor Density</b>                      | : Not available |
| <b>Volatility</b>                         | : Not Available |
| <b>Odor Threshold</b>                     | : Not Available |



|                               |                 |
|-------------------------------|-----------------|
| <b>Water/Oil Dist. Coeff.</b> | : Not Available |
| <b>Ionicity (in Water)</b>    | : Not Available |
| <b>Dispersion Properties</b>  | : Not Available |
| <b>Solubility</b>             | : Not Available |

### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** Stable under recommended storage conditions.

**Instability Temperature:** Not available.

**Conditions of Instability:** Excess heat.

**Incompatibility with various substances:** Strong oxidizing agents

**Special Remarks on Reactivity:** Not available.

**Hazardous decomposition products**

In the event of fire

### SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

Inhalation - May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**



This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION

**UN number:**

**ADR/RID:**

**IMDG:**

**IATA:**

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class (es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**

**ADR/RID:** No

**IMDG Marine pollutant:** No

**IATA:** No

### SECTION 15: OTHER REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not available.

**Chemical Safety Assessment:** Not available.

### SECTION 16: OTHER INFORMATION

**Full text of H-Statements referred to under sections 2 and 3.**

Not available.

**Other Special Considerations:** Not available.

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