

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

### SECTION 1: PRODUCT IDENTIFICATION

Product Name: N6-(2-Isopentenyl)adenine 2iP  
Product Code: CM 23,536  
CAS#: 2365-40-4  
Chemical Formula:  $C_{10}H_{13}N_5$   
Molecular Formula: 203.24  
Synonyms : 6-( $\gamma,\gamma$ -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**

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



Water/Oil Dist.Coeff.	:Not Available
Ionicity (inWater)	:Not Available
Dispersion Properties	:Not Available
Solubility	: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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