

MATERIAL SAFETY DATA SHEET	
Description: Chemical name: Molecular formula: Identity (As Used on Label and List): CAS #:	Trans-Zeatin 6-(4-Hydroxy-3-methylbut-2-enylamino) purine C ₁₀ H ₁₃ N ₅ O Zeatin 1637-39-4
Section I Hazardous Ingredients / Identity Information	
General Information	Harmful; may cause sensitization by inhalation and skin contact. Wear suitable protective clothing
Section II Fire and Explosion Hazard Data	
Flash Point (Method Used)	No data available.
Flammable Limits	NA
Extinguishing Media	Use dry chemical, CO ₂ , water spray or Alcohol foam
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and full personal protective equipment
Unusual Fire and Explosion Hazards	Burning produces irritant fumes
Section III Physical/Chemical Characteristics	
Appearance and Odour	Odourless, crystalline white powder.
Melting Point	208-215°C.
Solubility in Water	No data available.
Vapour Pressure (mm Hg)	No data available.
Section IV Reactivity Data	
Stability	Stable under recommended storage conditions
Conditions to Avoid	Contact with strong oxidants, fire.
Incompatibility (Materials to Avoid)	Strong oxidizing agents.
Hazardous Decomposition	Nitrogen Oxides
Hazardous Polymerization	Will not occur
Section V Health Hazard & First Aid Information	
Potential health effects and symptoms of exposure	
EYES	Causes irritation.
SKIN	May cause irritation. May be absorbed through the skin.
INGESTION	May be harmful.
INHALATION	May cause irritation to the respiratory tract. May be harmful.
CARCINOGENICITY	No data available.
Emergency & First Aid Procedures	

EYES	Rinse opened eyes for several minutes under running water. Get medical attention if eyes become irritated.
SKIN	Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing.
INGESTION	Rinse mouth. Drink plenty of water. Get medical attention if irritating or symptoms occur. Do not induce vomiting without medical advice.
INHALATION	If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get Medical attention.
Section VI Precautions for Safe Handling and Use	
OCCUPATIONAL SPILLS	
Use proper personal protective equipment as indicated in Section 7.	
WASTE DISPOSAL METHOD	
Clean up spills immediately. Sweep up or absorb material, then place it into container for disposal. Avoid generating dusty conditions. Provide ventilation. Wash spill site after material pickup is complete.	
Section VII Guidelines for Safe Handling	
RESPIRATORY PROTECTION	Not required.
HYGIENE MEASURES	Keep away from foodstuffs and beverages. Avoid contact with the eyes and skin. Do not eat, drink or smoke while working with products.
EYE PROTECTION	Safety goggles (glasses).
PROTECTIVE CLOTHING OR EQUIPMENT	Protective gloves, a lab coat.
GENERAL PRECAUTIONS	Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Good laboratory technique should be used when handling. Keep container tightly closed. Store cold and in the dark.

Additional Information: This information is believed to be accurate and represents the best information available to date. We make no warranty or assume liability from its use. Users should make their own investigations to determine the suitability of the information. MSDS has been prepared in accordance with EU Directive 67/548/EEC, 1/155/EEC and other EU Community legislations in force.