

## MATERIAL SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product Name **7-Deazainosine**  
Catalog Number **CGIDR-2314**  
Recommended use Laboratory Use only

Manufacturer or supplier's name and address

ChemGenes India Pvt. Ltd  
207, Regency Plaza, 5-Park Road  
Lucknow-226 001,U.P, India,  
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Email: info@chemgenesindia.com

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture No data available

Label elements

Pictogram(s)  
Signal word No data available

Hazard statement(s) No data available

Precautionary statement(s)  
Prevention No data available

Response No data available

Storage No data available

Disposal No data available

Other hazards No data available

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance related information

Substance name:	7-Deazainosine
CAS No:	2862-16-0
Formula:	C <sub>11</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	267.24

### **SECTION 4. FIRST AID MEASURES**

First Aid: Eye

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

First Aid: Skin

Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

First Aid: Ingestion

Wash out mouth with water provided person is conscious. Call a physician.

First Aid: Inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

Hints for Physician: Treatment

Treat symptomatically.

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable Extinguishing Media

Foam

Dry extinguishing powder

Carbon dioxide (CO<sub>2</sub>)

Water spray jet

Hazards During Fire-Fighting

Toxic Fumes

Protective Equipment for Fire-Fighting

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Fire-Fighting/Further Advice

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately.

This must not be discharged into drains. Move undamaged containers from immediate

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

#### Personal Precautions

Wear breathing apparatus if exposed to vapors /dusts/aerosols. Provide adequate ventilation.

#### Environmental Precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

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

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

#### Further Accidental Release Measures

Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

### **SECTION 7. HANDLING AND STORAGE**

#### Handling

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

#### Storage Requirements

Keep away from incompatible substances.

Close container well, Store in a cool, dry, well-ventilated area away from incompatible substances.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Occupational Exposure limit values

No data available

Biological limit values

No data available

Exposure controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

Individual protection measures

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

No data available

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physicochemical properties

Physical state

No data available

CGIDR-2314

7-Deaza-I

Version: 2022

Revision: 2024

Colour	No data available
Odour	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	624.8°C at 760mmHg
Flammability	No data available
Lower and upper explosion limit/flammability limit	No data available
Flash point	331.7°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water	No data available
Vapour pressure	1.78E-16mmHg at 25°C
Density and/or relative density	1.9g/cm <sup>3</sup>
Relative vapour density	No data available
Particle characteristics	No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	No data available

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity	
Oral	No data available
Inhalation	No data available
Dermal	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available

**SECTION 12. ECOLOGICAL INFORMATION**

Toxicity

Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to algae	No data available
Toxicity to microorganisms	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

**SECTION 14. TRANSPORT INFORMATION**

UN Number

ADR/RID: no data available

IMDG: no data available

CGIDR-2314

7-Deaza-I

Version: 2022

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IATA: no data available

UN Proper Shipping Name

ADR/RID: no data available

IMDG: no data available

IATA: no data available

Transport hazard class(es)

ADR/RID: no data available

IMDG: no data available

IATA: no data available

Packing group, if applicable

ADR/RID: no data available

IMDG: no data available

IATA: no data available

Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

Special precautions for user

No data available

Transport in bulk according to IMO instruments

No data available

## **SECTION 15. REGULATORY INFORMATION**

Other Regulations Not Available

Component 7-Deazainosine

REACH (1907/2006) -

Annex XIV - Substances

Subject to Authorization Not Available

REACH (1907/2006) -

Annex XVII - Restrictions on

Certain Dangerous Substances Not Available

REACH Regulation  
(EC 1907/2006) article 59-  
Candidate List of Substances  
of Very High Concern (SVHC) Not Available

**SECTION 16. OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ChemGenes India Pvt. Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

ChemGenes India Pvt. Ltd.

-----End of Safety Data Sheet-----