

### SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-EO-02916
<b>Product Name</b>	Pramipexole Nitroso Impurity 4
<b>CAS No.</b>	-
<b>Category</b>	Impurity
<b>Synonyms</b>	N-(2-Amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)-N-(3-((2-amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)amino)-2-methylpentyl)nitrous amide
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

#### 2.2 Label Elements

**Signal Word:** Not available

Not available

#### Hazard Statement(s)

Code	Statement
Not available	Not available

#### Precautionary Statement(s)

Code	Statement
Not available	Not available

### SECTION 3: Composition / information on ingredients

### 3.1 Substance

Component : Pramipexole Nitroso Impurity 4

CAS Number : -

Molecular Formula : C<sub>20</sub>H<sub>31</sub>N<sub>7</sub>O<sub>2</sub>S

Molecular Weight : 449.6

Parent Chemical : Pramipexole

Synonyms : N-(2-Amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)-N-(3-((2-amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)amino)-2-methylpentyl)nitrous amide

Concentration : Not available

## SECTION 4: First aid measures

### SECTION 4: First-aid measures

#### 4.1 Description of first aid measures

General advice: Treat symptomatically. Show this safety data sheet to the doctor in attendance.

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Seek medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

Not available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Not available.

## SECTION 5: Firefighting measures

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).

Unsuitable extinguishing media: Not available.

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

Specific hazards: Not available.

Hazardous combustion products: Not available.

#### 5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus (SCBA) and full protective gear.

Further information: Cool containers with water spray if exposed to fire. Avoid inhalation of combustion products.

## SECTION 6: Accidental release measures

### SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust. Avoid contact with skin and eyes. Ensure adequate ventilation. Use appropriate personal protective equipment.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Do not allow to enter drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Contain spill. Collect spilled material using methods that minimize dust generation (e.g., damp wipe or HEPA-filtered vacuum). Place in a suitable, closed container for disposal. Clean contaminated area.

### 6.4 Reference to other sections

See Section 8 for personal protective equipment and Section 13 for disposal considerations.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid formation of dust and aerosols. Avoid contact with skin, eyes, and clothing. Use with adequate ventilation. Wash hands thoroughly after handling.

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

Store in tightly closed container. Keep in a cool, dry, well-ventilated place. Protect from moisture. Incompatibilities: Not available.

#### 7.3 Specific end use(s)

Laboratory/research use. Not for food, drug, or household use.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limits: No data available.

Biological limit values: No data available.

#### 8.2 Exposure controls

Engineering controls: Use local exhaust ventilation or other engineering controls to maintain airborne levels as low as practicable.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (material not available). Wear lab coat/protective clothing.
- Respiratory protection: If dust/aerosols are generated or ventilation is inadequate, use a suitable particulate respirator. Specific selection: Not available.
- Hygiene measures: Wash hands after handling. Remove contaminated clothing and wash before reuse.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

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10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage conditions. Further information: Not available.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Avoid dust formation. Avoid heat and moisture. Other conditions: Not available.

### 10.5 Incompatible materials

Not available.

### 10.6 Hazardous decomposition products

Not available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye 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.

### Likely routes of exposure

- No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

## SECTION 12: Ecological information

### SECTION 12: Ecological information

#### 12.1 Toxicity

No data available.

#### 12.2 Persistence and degradability

No data available.

#### 12.3 Bioaccumulative potential

No data available.

#### 12.4 Mobility in soil

No data available.

#### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Endocrine disrupting properties

No data available.

### 12.7 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product: Dispose of contents/container in accordance with local/regional/national/international regulations. Treat as hazardous waste unless determined otherwise by appropriate testing.

Contaminated packaging: Dispose of as unused product. Do not reuse empty containers.

Waste code: Not available.

## SECTION 14: Transport information

### SECTION 14: Transport information

#### 14.1 UN number

Not available.

#### 14.2 UN proper shipping name

Not available.

#### 14.3 Transport hazard class(es)

Not available.

#### 14.4 Packing group

Not available.

#### 14.5 Environmental hazards

Not available.

#### 14.6 Special precautions for user

Not available.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not available.

## SECTION 15: Regulatory information

### SECTION 15: Regulatory information

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

Not available.

#### 15.2 Chemical safety assessment

No data available.

## SECTION 16: Other information

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Category: Impurity

Molecular weight: 449.6

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Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

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