

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

<b>Catalogue Number</b>	CS-O-46328
<b>Product Name</b>	N-Nitroso Anagrelide Related Compound A hydrochloride
<b>CAS No.</b>	Not available
<b>Category</b>	Impurity
<b>Synonyms</b>	ethyl N-(6-amino-2,3-dichlorobenzyl)-N-nitrosoglycinate hydrochloride
<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 : N-Nitroso Anagrelide Related Compound A hydrochloride  
CAS Number : Not available  
Molecular Formula : C<sub>11</sub>H<sub>14</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight : 342.60  
Parent Chemical : Anagrelide  
Synonyms : ethyl N-(6-amino-2,3-dichlorobenzyl)-N-nitrosoglycinate hydrochloride  
Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

###### General advice:

- Show this safety data sheet to the doctor in attendance.
- Move out of dangerous area. Keep at rest.
- Seek medical attention if symptoms occur or persist.

###### If inhaled:

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

###### In case of skin contact:

- Wash off with soap and plenty of water.
- Remove contaminated clothing and shoes.

###### In case of 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.

###### If swallowed:

- Rinse mouth with water.
- 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

- Treat symptomatically.
- Not available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

###### Suitable extinguishing media:

- Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>).

###### Unsuitable extinguishing media:

- Not available.

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

- May emit hazardous decomposition products under fire conditions.
- Hydrogen chloride (HCl) may be released from hydrochloride salts.
- Nitrogen oxides (NO<sub>x</sub>) may be generated.
- Not available (additional specific hazards).

#### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Prevent fire-fighting water from entering drains or watercourses.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Evacuate unnecessary personnel.
- Avoid breathing dust/fume.
- Avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).

##### 6.2 Environmental precautions

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

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

- Avoid dust formation.
- Collect spilled material using suitable means (e.g., HEPA-filtered vacuum or damp method).
- Place in a suitable, closed container for disposal.
- Clean contaminated area with water and detergent as appropriate.

##### 6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- See 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.
- Avoid breathing dust.
- Use only with adequate ventilation (local exhaust recommended).

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

- Store in tightly closed container.

- Store in a cool, dry, well-ventilated place.
- Protect from moisture.
- Keep away from incompatible materials.
- Specific storage temperature: Not available.

### 7.3 Specific end use(s)

- For laboratory/research use only (impurity/analytical standard).

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational exposure limits:

- Not available.

##### Derived no-effect level (DNEL) / Predicted no-effect concentration (PNEC):

- Not available.

#### 8.2 Exposure controls

##### Engineering controls:

- Use local exhaust ventilation or other engineering controls to keep airborne levels low.

##### Personal protective equipment (PPE):

###### Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

###### Skin protection:

- Protective gloves (material and breakthrough time: Not available).
- Lab coat or protective clothing.

###### Respiratory protection:

- If ventilation is inadequate or dust is generated, use a suitable particulate respirator.
- Specific respirator type: Not available.

###### Hygiene measures:

- Wash hands after handling.
- Remove contaminated clothing and wash before reuse.

###### Environmental exposure controls:

- Avoid release to the environment.

## 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

Test	Result
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

#### SECTION 10: Stability and reactivity

##### 10.1 Reactivity

- Not available.

##### 10.2 Chemical stability

- Stable under recommended storage conditions.

##### 10.3 Possibility of hazardous reactions

- Not available.

##### 10.4 Conditions to avoid

- Heat, flames, sparks.
- Moisture (if applicable).
- Dust generation.
- Not available (additional conditions).

#### 10.5 Incompatible materials

- Strong oxidizing agents.
- Strong acids/bases: Not available.
- Not available (additional incompatibilities).

#### 10.6 Hazardous decomposition products

- Hydrogen chloride (HCl).
- Nitrogen oxides (NO<sub>x</sub>).
- Carbon oxides.
- Not available (additional decomposition products).

### 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

- Not available.

##### 12.2 Persistence and degradability

- Not available.

##### 12.3 Bioaccumulative potential

- Not available.

##### 12.4 Mobility in soil

- Not available.

### 12.5 Results of PBT and vPvB assessment

- Not available.

### 12.6 Endocrine disrupting properties

- Not available.

### 12.7 Other adverse effects

- Not 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 chemical waste.
- Incineration by a licensed contractor may be appropriate where permitted.

Contaminated packaging:

- Dispose of as unused product.

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

- Avoid damage to containers and release during transport.
- Transport in tightly closed, properly labeled containers.

#### 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

- Regulatory status (GHS/CLP/OSHA/WHMIS/TSCA/REACH, etc.): Not available.
- Chemical inventories (e.g., TSCA, EINECS/ELINCS, DSL/NDL, ENCS, AICS, IECSC, KECI): Not available.

### 15.2 Chemical safety assessment

- Not available.

## SECTION 16: Other information

### SECTION 16: Other information

#### Product identifier:

- Product name: N-Nitroso Anagrelide Related Compound A hydrochloride
- Catalog No.: CS-O-46328
- Synonyms: ethyl N-(6-amino-2,3-dichlorobenzyl)-N-nitrosoglycinate hydrochloride
- CAS No.: Not available
- Molecular weight: 342.60
- Category: Impurity
- Parent chemical: Anagrelide

#### Supplier:

- Clearsynth Labs Ltd., Mumbai, India

#### Emergency phone:

- +91-22-245045900

#### Disclaimer:

- The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. No warranty is expressed or implied.

#### Revision date:

- Not available.

## DISCLAIMER

This MSDS is system-generated. Please verify and confirm all data, statements, and values with the Support Team before use or distribution.