

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

<b>Catalogue Number</b>	CS-T-01824
<b>Product Name</b>	Ametryn
<b>CAS No.</b>	834-12-8
<b>Category</b>	Pesticide Standards
<b>Synonyms</b>	-
<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:

Serious eye damage/eye irritation (Category 2)

Acute toxicity (Category 4)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.
H400	Not available
H410	Not available

H331	Not available
H319	Causes serious eye irritation.
H351	Not available
H371	Not available
H373	Not available
H401	Not available
H411	Toxic to aquatic life with long lasting effects.
H316	Not available
H320	Not available

### Precautionary Statement(s)

Code	Statement
P264	Wash hands thoroughly after handling.
P270	Not available
P273	Not available
P301+P317	Not available
P330	Not available
P391	Not available
P501	Dispose of contents/container in accordance with local/regional/national/international regulation
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P316	Not available
P321	Specific treatment (see ... on this label).
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P203	Not available
P260	Not available
P264+P265	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P308+P316	Not available
P318	Not available
P319	Get medical help if you feel unwell.
P337+P317	If eye irritation persists: Get medical help.
P332+P317	If skin irritation occurs: Get medical help.

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Ametryn

CAS Number : 834-12-8

Molecular Formula : C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>S

Molecular Weight : 227.33

Parent Chemical : -

Synonyms : -

Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

General advice: Remove contaminated clothing and shoes. Seek medical attention if symptoms occur or persist. Show this SDS to the physician.

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

Skin contact: Wash with plenty of soap and water. Get medical attention if irritation develops.

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

Treat symptomatically. No data 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.

Unsuitable extinguishing media: Not available.

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

Hazardous combustion products: Not available.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Use water spray to cool unopened containers exposed to heat. Avoid runoff to drains and waterways.

## 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. Use appropriate personal protective equipment. Ensure adequate ventilation.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Prevent entry into drains, surface waters, and soil.

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

Contain spill. Collect spilled material using methods that minimize dust generation (e.g., dampen if compatible). Place in a suitable, labeled 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. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after handling.

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

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

#### 7.3 Specific end use(s)

Pesticide standard / laboratory use. No data available.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limits: Not available.

Biological limit values: Not available.

#### 8.2 Exposure controls

Engineering controls: Use local exhaust ventilation or general ventilation to minimize airborne concentrations.

Personal protective equipment (PPE):

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

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	White powder
IR spectrum	No data available
pH	No data available
Solubility	In DMSO

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

Property	Value
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.

##### 10.3 Possibility of hazardous reactions

No data available.

##### 10.4 Conditions to avoid

Heat, open flames, and dust generation. 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: Relatively few incidents of illness have been reported due to ametryne. Four exposures to ametryne products were reported to Poison Control Centers from 1993 through 2001; two cases involved minor symptoms; one case reported diarrhea and drowsiness/lethargy. No deaths were recorded or untoward effects noted among a group of rats exposed to ametryne aerosol at >27 mg/L during 4 hr exposure period. Ataxia, dyspnea, muscular weakness, salivation, and loss of reflexes occurred in poisoned rats. LC50 (rat) > 5,030 mg/m<sup>3</sup>/.

- Skin corrosion/irritation: No data available.

- Serious eye damage/eye irritation: Causes moderate eye irritation. /Ametryn Technical/

- Respiratory or skin sensitization: In a sensitization study with Perbright white guinea pigs, animals showed no sensitization reaction following dermal application of the challenge dose but there was a positive response after the intradermal challenge.

- Germ cell mutagenicity: No data available.

- Carcinogenicity: Cancer Classification: Data are Inadequate for an Assessment of Human Carcinogenic Potential.

- Reproductive toxicity: Ametryne produced no reproductive impairment when fed to two generations of rats at concentrations of 20, 200, or 2000 ppm; both parental and progeny weights were reduced at the two higher feeding levels. No teratogenic effects were seen in rats treated with up to 250 mg/kg. In another rat study, deformities of the skeleton were increased in pups derived from ametryne-treated rats (30.6 mg/kg orally, days 5 through 15 of gestation); postimplantation deaths increased, and fetal weights decreased.

- STOT-single exposure: No data available.

- STOT-repeated exposure: Body weight gain effects in rats fed 500 ppm or greater for 2 years were the only signs produced, and no effects were seen at 50 ppm. Rats and mice survived 2-year feeding of as much as 2000 ppm. In

dogs, body weight effects were seen at 2000 ppm or greater in a 1-year feeding study, but no effects occurred at 200 ppm. Following chronic exposure, reduced growth (NOEC=13 mg/kg) was observed.

- Aspiration hazard: No data available.

Likely routes of exposure

- Mildly toxic by skin contact. An eye irritant.

Symptoms related to the physical, chemical and toxicological characteristics

- Diarrhea and drowsiness/lethargy reported in a human exposure case. Ataxia, dyspnea, muscular weakness, salivation, and loss of reflexes occurred in poisoned rats. Eye irritation and slight skin irritation reported in rabbits.

## SECTION 12: Ecological information

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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

Not 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

Dispose of contents/container in accordance with local/regional/national/international regulations. Do not discharge to drains or the environment.

Contaminated packaging: Dispose of as unused product or according to local regulations.

Waste codes: Not available.

## SECTION 14: Transport information

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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

#### SECTION 16: Other information

Product name: Ametryn

Catalog No.: CS-T-01824

CAS No.: 834-12-8

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: Not available.

Disclaimer: The information provided is based on data available at the time of preparation and is believed to be accurate. It is intended for guidance for safe handling, use, processing, storage, transportation, disposal, and release, and is not considered a warranty or quality specification.

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