

<b>Material Safety Data Sheet</b>	
<b>2, 2'-AZINO-DI-(3-ETHYLBENZTHIAZOLINE-6- SULFONIC ACID) DIAMMONIUM SALT (ABTS )</b>	<b>VERSION : 03</b> <b>DATE OF ISSUE : 31-01-2022</b> <b>SUPERSEDES : 02</b>
<b>Product Code : 10000</b>	<b>Page 1 of 7</b>

## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

**Trade name :** 2, 2'-AZINO-DI-(3-ETHYLBENZTHIAZOLINE-6- SULFONIC ACID) DIAMMONIUM SALT (ABTS )

**Product code :** 10000

**Identification of the product :** 2, 2'-AZINO-DI-(3-ETHYLBENZTHIAZOLINE-6- SULFONIC ACID) DIAMMONIUM SALT (ABTS )

**CAS No :** 30931-67-0

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use :** Laboratory chemicals, Manufacture of substances

### **1.3. Details of the supplier of the safety data sheet**

**Company identification :** MOLYCHEM

Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor,  
Mumbai – 400 002 (INDIA)

Tel:+91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.

Email : [info@molychem.net](mailto:info@molychem.net)

Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503.

### **1.4. Emergency telephone number**

Emergency number : +91 22 4066 8111 (10:00am - 6:00 pm).

## **2. Hazards identification**

### **2.1. Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### **2.2. Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## **3. Composition/information on ingredients**

### **3.1. Substance :**

**Formula :** C<sub>18</sub>H<sub>24</sub>N<sub>6</sub>O<sub>6</sub>S<sub>4</sub>

**Molecular weight :** 548.68 g/mol

**CAS-No. :** 30931-67-0

**EC-No. :** 250-396-6

No components need to be disclosed according to the applicable regulations.

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#### **4. First aid measures**

##### **4.1 Description of first-aid measures**

###### **If inhaled**

After inhalation: fresh air.

###### **In case of skin contact**

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

###### **In case of eye contact**

After eye contact: rinse out with plenty of water. Remove contact lenses.

###### **If swallowed**

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

#### **5. Firefighting measures :**

##### **5.1 Suitable extinguishing media**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

##### **Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

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

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Hydrogen chloride gas

Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire.

Risk of dust explosion.

##### **5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

##### **5.4 Further information**

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

#### **6. Accidental release measures :**

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

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area,

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observe emergency procedures, consult an expert.

## 6.2. Environmental precautions

Do not let product enter drains.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## 6.4. Reference to other sections

For disposal see section 13.

## 7. Handling and storage :

### 7.1. Precautions for safe handling

For precautions see section 2.2.

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

#### Storage conditions

Tightly closed.

Dry.

### 7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Hand protection : protective gloves  
 Eye protection : Chemical goggles or safety glasses  
 Skin and body protection : Wear suitable protective clothing  
 Respiratory protection : Wear respiratory protection

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance : Powder  
 Odour : No data available  
 Odour threshold : No data available  
 pH : 7(External MSDS)  
 Melting point/  
 Freezing point : Melting point/range: > 300 °C  
 Boiling point : No data available  
 Flash point : No data available

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Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	20 g/l at 20 °C - soluble
Partition coefficient: n-octanol/water	log Pow: 0,91 at 25 °C - Bioaccumulation is not expected., (Lit.), (refers to pure substance)
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Explosive properties	No data available
Oxidizing properties	No data available

## 9.2. Other information

No additional information available

## 10. Stability and reactivity

### 10.1. Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### 10.2. Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

no information available

### 10.5. Incompatible materials

Strong oxidizing agents, Strong acids

### 10.6. Hazardous decomposition products

In the event of fire: see section 5

## 11. Toxicological information

### Information on toxicological effects

Acute toxicity	: No data available
Skin corrosion/irritation	: No data available





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or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**

**Prepared by: MOLYCHEM (INDIA)**

**For questions contact: MOLYCHEM**

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