

# MATERIAL SAFETY DATA SHEET

EDTA Disodium



## 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** EDTA Disodium  
**Synonyms:** Ethylenediaminetetraacetic acid disodium  
**INCI Name:** Disodium EDTA  
**CAS Number:** 6381-92-6  
**Formula:**  $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$   
**Product Form:** Powder  
**Product Use:** Cosmetic use

**Supplier:** ASES CHEMICAL WORKS.  
**Address:** Brahm Bagh, Jalori Gate  
Jodhpur - 342001 Rajasthan-India  
**Phone:** +91-9636889954  
**Web:** www.ases.in  
**Email :** ecom@ases.in

## 2 HAZARDS IDENTIFICATION

**Classification of the substance or mixture:** Not a hazardous substance or mixture.  
**Label Elements:** Not a hazardous substance or mixture.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Molecular Weight	Weight%
EDTA Disodium	6381-92-6	205-358-3	372.24g/mol	99%

## 4 FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.  
**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.  
**Inhalation:** If inhaled, removed to fresh air. Get medical attention if symptoms appear.  
**Ingestion:** Seek medical attention or contact local poison control centre.

## 5 FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special hazards arising from the substance or mixture:** Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sodium oxides.  
**5.3. Advice for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary.  
**5.4. More Information :** no data available

## 6 ACCIDENTAL RELEASE MEASURES

### Personal Precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust.

### Environmental Precautions

Avoid discharge into drains or watercourses or onto the ground..

### Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7 HANDLING & STORAGE

**Precautions:** Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage:** Keep container tightly closed in a dry and well-ventilated place

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** None under normal use conditions.  
**Respiratory equipment:** In case of open handling of larger quantities wear particle mask or respirator.  
**Skin and body protection:** Wear protective gloves.  
**Eye protection:** Wear safety glasses.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

# MATERIAL SAFETY DATA SHEET

EDTA Disodium

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Form: powder	<b>Vapor Pressure:</b>	no data available
<b>Odor:</b>	odorless	<b>Vapor Density:</b>	No data available
<b>Taste:</b>	Not available	<b>Flammability:</b>	No data available
<b>Color:</b>	White	<b>Evaporation Rate:</b>	No data available
<b>Molecular Weight:</b>	372.24 g/mol	<b>Explosive Limit:</b>	No data available
<b>pH (5% sol. in water)</b>	4.0 - 5.5 at 10 g/l at 23 °C (73 °F)	<b>Solubility:</b>	Water ca.100 g/l at 20 °C (68 °F)
<b>Boiling Point:</b>	no data available	<b>Flash Point:</b>	No data available
<b>Melting Point:</b>	248 °C (478 °F)	<b>Density (kg/m3):</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable under normal temperature conditions
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	no data available.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD50 >2000mg/kg.		
<b>Skin:</b>	Non-irritant	<b>Eyes:</b>	Irritant
<b>Respiratory:</b>	Inhaling vapor may be irritating to the respiratory system.		
<b>Ingestion:</b>	Do not ingest; product may cause gastrointestinal irritation.		

## 12 ECOLOGICAL INFORMATION

<b>Persistence and Degradability:</b>	Readily biodegradable.
<b>Ecotoxicity :</b>	Not available.
<b>Other Adverse Effects:</b>	Not available.

## 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## 14 TRANSPORT INFORMATION

<b>US DOT Shipping Description (Land) :</b>	Not regulated
<b>IMO-IMDG Shipping Description (Sea) :</b>	Not regulated
<b>IATA Shipping Description (Air) :</b>	Not regulated

## 15 REGULATORY INFORMATION

<b>Chemical Safety Assessment:</b>	This product does not contain any chemical components regulated.
<b>Other :</b>	Not regulated

## 16 OTHER INFORMATION

### Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.