

## **SAFETY DATA SHEET**

### **1. PRODUCT AND COMPANY IDENTIFICATION**

#### **Product identifiers**

Product Name : aSORB DCL76X  
Synonym : Chloride Absorbent

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

Recommended use : Adsorbent

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

Producer : Interra Global  
164 S Prospect Ave  
Park Ridge, IL 60068  
USA

Telephone : +1 (847) 292-8600

#### **Emergency telephone number**

Emergency : +1 (847) 292-8600

### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Chemical characterization**

Product name : Chloride Absorbent DCL76X  
Composition : CAS Number  
Aluminum Oxide : 1344-28-1  
Sodium Oxide : 1313-59-3

### **3. HAZARDS IDENTIFICATION**

#### **Potential acute health effects**

May cause irritation of the skin and eyes.

#### **Inhalation**

Irritation of the upper respiratory tract.

#### **Skin Exposure**

Irritant

#### **Eye Exposure**

Irritant

#### **Potential Chronic Health Effects**

Not available.

**Hazard to Product of Storing Condition**

Not available.

**4. FIRST AID MEASURES****Description of first aid measures****Inhalation**

If large quantities of this material are inhaled, move to fresh air.

**Ingestion**

If large quantities of this material are swallowed, call a physician immediately; drink water if needed.

**Skin Contact**

Wash skin with plenty of water with soap for at least 15 minutes.

**Eye Contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.

**5. FIREFIGHTING MEASURES****Flammability of the product**

Non-flammable.

**Auto-ignition temperature**

Not applicable.

**Flash points**

Not available.

**Flammable limits**

Not applicable.

**Products of Combustion**

Not available.

**Fire hazards in presence of various substances**

Not available.

**Explosion hazards in presence of various substances****Risks of explosion of the product in presence of mechanical impact**

Not available.

**Risks of explosion of the product in presence of static discharge**

Not available.

**Special remarks on fire hazards**

Powerful oxidizers may cause fire. [Quartz]

**Special remarks on explosion hazards**

Powerful oxidizers may cause explosions. [Quartz]

**6. ACCIDENTAL RELEASE MEASURES****Small spill**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large spill**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**7. HANDLING AND STORAGE**

Keep container tightly closed. Suitable for any general chemical storage area. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal protective equipment**

Safety glasses, lab coat, gloves, and dust respirator. Be sure to use an approved/certified respirator or equivalent.

**Personal protection in case of large spill**

Splash goggles, full suit, dust respirator, boots, and gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure limits**

Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	: Solid
Odor	: Odorless
Taste	: Not available
Molecular Weight	: Not available
Color	: White
pH	: Not applicable
Boiling Point	: 2054 °C
Melting Point	: 2980 °C
Flash Point	: Not available
Critical Temperature	: Not available
Specific Gravity	: 3.9 (Water =1)
Vapor Pressure	: 1 mm Hg, 2158 °C
Vapor Density	: Not available
Volatility	: Not available
Odor Threshold	: Not available
Water/Oil Dist. Coeff.	: Not available
Ionicity (in water)	: Not available
Dispersion Properties	: Not available
Solubility	: Insoluble

## 10. STABILITY AND REACTIVITY

### Stability

The product is stable.

### Instability temperature

Not available

### Conditions of instability

Incompatible materials, moisture (absorbs water with evolution of heat), dust generation.

### Incompatibility with various substances

Slightly reactive with moisture.

**Corrosivity**

Not available

**Special remarks on reactivity**

Hygroscopic. Reacts with water to evolve heat.

**Incompatibility**

Strong acid, strong base, chlorine trifluoride, ethylene, halogenated hydrocarbon, sodium, nitric acid.

**Special remarks on corrosivity**

Not available

**11. TOXICOLOGICAL INFORMATION****Routes of entry**

Absorbed through skin, eye contact, inhalation, and ingestion.

**Toxicity to animals**

LD50: Not available

LC50: Not available

**Chronic effects on humans**

CARCINOGENIC EFFECTS: 3 (Not classifiable for human) by IARC.  
May cause damage to the following organs: lungs.

**Other toxic effects on humans**

Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Special remarks on toxicity to animals**

Not available

**Special remarks on chronic effects on humans**

A4 (HSDB)

**Special remarks on other toxic effects on humans****Acute/chronic potential health effects:**

**Skin:** May cause skin irritation. The product gets hot as it adsorbs water. Burns to moist or wet skin tissue may result if contact is prolonged.

**Eyes:** Dust may cause eye irritation.

**Ingestion:** The product gets hot as it adsorbs water. Burns to moist body tissues may result if contact is prolonged.

**Inhalation:** Exposure to dust particles generated from this material may cause irritation of the respiratory tract and may cause lung damage (silicosis, etc.)/cancer. Repeated and prolonged inhalation of crystalline silica in the form of quartz from occupational sources may cause cancer.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Not available

### **BOD5 and COD**

Not available

### **Products of Biodegradation**

Possibly hazardous short-term degradation products are not hazardous usually.

### **Toxicity of the products of biodegradation**

Not available

### **Special remarks on the products of biodegradation**

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**

### **DOT (U.S.A.)**

None

### **Identification**

Not applicable

### **Special delivery requirements**

Not applicable

## **15. REGULATORY INFORMATION**

### **Federal and state regulations**

### **DSCL (EEC):**

This product is not classified according to EU regulations.

Not applicable.

**HMIS (U.S.A.)**

Health hazard : 1  
Fire hazard : 0  
Reactivity : 1  
Personal Protection : E

**National Fire Protection Association (U.S.A.)**

Health : 1  
Flammability : 0  
Reactivity : 1

**Protective Equipment**

Gloves, lab coat, dust respirator, and safety glasses. Be sure to use an approved/certified respirator or equivalent.

**WHMIS (Canada)**

Not controlled under WHMIS

**16. OTHER INFORMATION****References**

Not available

**Other special considerations**

No need.

**Preparation date:**

June 1, 2015

**Revision date:**

September 21, 2023

**Revision Number:**

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**Warranty**

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