

## DI-SODIUM HYDROGEN CITRATE, EXTRA PURE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** DI-SODIUM HYDROGEN CITRATE, EXTRA PURE  
**Product Code:** 2291  
**CAS#:** 6132-05-4  
**Synonym:** NA  
**Chemical Formula:**  $C_6H_6Na_2O_7$   
**Formula Weight:** 236.09

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**  
**Name:** DI-SODIUM HYDROGEN CITRATE

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

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

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

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Flush eyes with water as a precaution.  
**Skin Contact:** Wash off with soap and plenty of water.  
**Serious Skin Contact:** Not available.  
**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
**Serious Inhalation:** Not Available.  
**Ingestion:** Not available  
**Serious Ingestion:** Not available.

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** Not Available.  
**Auto-Ignition Temperature:** Not Available.  
**Flash Points:** Not Applicable.  
**Flammable Limits:** Not Applicable.  
**Products of Combustion:** Not Applicable.  
**Fire Hazards in Presence of Various Substances:** Not Applicable  
**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.  
**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  
**Fire Fighting Media and Instructions:**  
**Small fire:** Not Applicable  
**Large fire:** Not Applicable  
**Special Remarks on Fire Hazards:** Not Applicable  
**Special Remarks on Explosion Hazards:** Not available



### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Avoid dust formation. Avoid breathing vapors, mist or gas.

**Environmental precautions:** No special environmental precautions required.

**Methods and materials for containment and cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on protection against fire and explosion** Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures** General industrial hygiene practice.

**Conditions for safe storage, including any incompatibilities**

**Storage conditions** Keep container tightly closed in a dry and well-ventilated place. Store in cool place. hygroscopic

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Not available

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, 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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance</b>	:	White odourless crystals or crystalline powder.
<b>Odor</b>	:	Not available
<b>Color</b>	:	Not available
<b>Molecular Weight</b>	:	Not available
<b>pH</b>	:	4.5 - 5.5
<b>Boiling Point</b>	:	Not available
<b>Melting Point</b>	:	Not available
<b>Critical Temperature</b>	:	Not available
<b>Specific Gravity</b>	:	Not available
<b>Vapor Pressure</b>	:	Not available
<b>Vapor Density</b>	:	Not available
<b>Volatility</b>	:	Not available
<b>Odor Threshold</b>	:	Not available
<b>Water/Oil Dist. Coeff.</b>	:	Not available
<b>Iconicity (in Water)</b>	:	Not available
<b>Dispersion Properties</b>	:	Not available
<b>Solubility</b>	:	Soluble in water

### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** Not available.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.



**Incompatibility with various substances:** Strong oxidizing agents, Strong acids, Strong bases, Magnesium  
**Corrosively:** Non-corrosive in presence of glass.  
**Special Remarks on Reactivity:** Not available  
**Special Remarks on Corrosively:** Not available

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

##### Acute toxicity

**Oral:** No data available

**Inhalation:** No data available

**Dermal:** 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

**Specific target organ toxicity - single exposure.** No data available

**Specific target organ toxicity - repeated exposure** No data available

**Aspiration hazard** No data available

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Results of PBT and vPvB assessment:** 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.

**Endocrine disrupting properties:** No data available

**Other adverse effects:** No data available

### SECTION 13: DISPOSAL CONSIDERATIONS

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

### SECTION 14: TRANSPORT INFORMATION

**UN number:**

**ADR/RID:**

**IMDG:**

**IATA:**

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class (es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**



**ADR/RID:** No

**IMDG Marine pollutant:** No

**IATA:** No

**Special precautions for user:** No data available

**Further information:** Not classified as dangerous in the meaning of transport regulations

### **SECTION 15: REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical safety assessment:** For this product a chemical safety assessment was not carried out

### **SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements.** Not available.

**Other Special Considerations:** Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.