



## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substances and of the manufacturer

#### 1.1 Product Identifier

Identification on the label/Trade name:

Sodium D- isoascorbate, Sodium Erythorbate

Additional Identification: Sodium Isovitamin C

CAS. No.: 6381-77-7

#### 1.2 Contact Information:

Company: Aurora Industry Co.,Ltd.

Address:Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel:0411-82288674

### 2. Composition/ Information on ingredients

Chemical name: D-erythro-hex-2-enoic acid r-lactone salt

Chemical Formula :  $C_6H_7NaO_6 \cdot H_2O$

Molecular wt. 216.12

Assay (% , by weight) :  $\geq 98.0\%$

### 3. Hazards identification

Not available

### 4. First-aid measures

#### 4.1 Description of first-aid measures

In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.2 Most important symptoms and effect, both acute and delayed.

None

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

None

### 5. Fire-fighting measure

5.1 Suitable extinguishing media : Use sandy soil, chemical foam, water.

5.2 Special hazards arising from the substance or mixture.



6. Accidental release measure

6.1 Environment Precaution

The product is not harmful to environment. Avoid directly into the aquatic environment.

6.2 Methods for Containment and Cleaning up

Use a shove 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

7.1 Precautions for safe handling

Keep away from heat. keep away from sources of ignition. Ground all equipment containing material.

7.2 Conditions for safe storage

Keep container dry in a cool and well-ventilated place. Keep container tightly closed. Store away from extreme heat and away from strong oxidizing agent.

7.3 Specific measure

None

8. Exposure controls/ Personal protection

Eye protection Goggles

Hand protection rubber glovers

Respiratory protection: If product from dust, wear dust-protection mask, Avoid inhaling dust.

Thermal hazards: Wear appropriate protective clothing to minimize contact with skin.

9. Technical properties:

9.1 Physical and Chemical properties

Appearance	Crystal or powder
Assay	≥98.0%
Specific rotation	+95.5~+98.0
Color	White or slightly yellow
Arsenic	3.0 ppm max
Lead	2.0 ppm max
Mercury	1.0 ppm max.
Identification	Passes Test A,B,C
Loss on drying	0.25%max



Total count colony units	<100/g
Total bacteria count	<10/g
Samonella	Negative /25g, absent/25g
Staphylococcus	Negative /25g
E.Coli.	Negative /25g
Mould	Negative /25g
Pseudomonas	Negative /10g

### 9.3 (Heavy) metals properties

Pb	<2mg/Kg	Arsenic	<3mg/Kg	Hg	<1mg/Kg
Na	/	Fe	/	Ca	/
Mg	/	Cu	/	Zn	/
Ni	/	Co	/	Mn	/
Cd	/	Cr	/	K	/

### 9.4 Other Physical and Chemical properties

pH	5.5-10.0
Melting point/range	154-164°C
Boiling point/range	Not available
Flash point	Not available
Water solubility(g/l) at 20°C	16g/100ml
Decomposition temperature	>200°C

## 10. Stability and reactivat

### 10.1 Reactivate

The substance does not react vigorously with reducing agent , so it does not belong to oxidizing substances. In solution it deteriorates in the presence of air, trace metals and light.

### 10.2 Chemical stability

Under normal conditions , the product is stable. No hazardous reaction when handled and stored according to provisions.

## 11. Toxicological information

### 11.1 Non-human toxicological data

Not available



12. Ecological information

None contaminate

13. Disposal considerations

13.1 Waste treatment methods

Always contact a permitted waste disposal to assure compliance with all current local and Federal regulations.

13.2 Product/Packing disposal

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

14. Transport information

Declaration for land shipment                      Not regulated

Declaration for sea shipment                      Not regulated

Declaration for shipment by air                      Not regulated

Other information                                      N one

15. Regularity information

According to F.C.C. V Standard of USA

16. Other information

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16.1 Further information : This information is based upon the present state of our knowledge. This MSDS has been compiled and is solely intended for this product.

16.2 Notice to reader

The purpose of this Material Safety Data Sheet is to describe the products in terms of there safety requirement. The data does not signify any warranty with regard to the products' properties.