

Material Safety Data Sheet

Sodium Erythorbate

JK BIO-CHEM CO., LTD
No. 766 Wuyi Road, Changsha, China
MATERIAL: Sodium Erythorbate, FCC IV
CAS:6381-77-7

1. Identification of substance:

Product details: Trade name: Sodium Erythorbate, FCC

2. Composition/Data on components:

Chemical characterization:

Description: (CAS#) Sodium Erythorbate (CAS# 6381-77-7)

Identification number(s): EINECS Number: 201-928-0

3. Hazards identification

Hazardous Ingredients: N/A

Information pertaining to particular dangers for man and environment N/A

4. First aid measures

After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm.

Seek immediate medical advice.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing Seek immediate medical advice.

5. Fire fighting measures

Suitable extinguishing agents: Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards caused by the material, its products of combustion or resulting gases:

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Protective equipment:

Wear self-contained respirator.

Wear fully protective impervious suit.

6. Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Measures for environmental protection: Do not allow material to be released to the environment without proper governmental permits.

Measures for cleaning/collecting: Pick up mechanically.

Additional information: See Section 7 for information on safe handling, See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and storage

Handling

Information for safe handling: Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace.

Information about protection against explosions and fires: Keep ignition sources away. Protect against electrostatic charges.

Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Store away from oxidizing agents.

Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.

8. Exposure controls and personal protection

Additional information about design of technical systems:

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Components with limit values that require monitoring at the workplace: Not required.

Additional information: No data

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

Breathing equipment: Use suitable respirator when high concentrations are present.

Protection of hands: Impervious gloves

Eye protection: Safety glasses

Body protection: Protective work clothing.

9. Physical and chemical properties:

General Information

Form: Free Flowing Crystals Color: White Odor: Odorless
Value/Range Unit Method:
Change in condition
Melting point/Melting range: N/A Boiling point/Boiling range: N/A
Sublimation temperature / start:N/A Flash point: N/A
Ignition temperature: N/A Decomposition temperature: N/A
Danger of explosion: Product does not present an explosion hazard.
Explosion limits:
Lower: N/A Upper: N/A Vapor pressure: N/A
Density:
Solubility in / Miscibility with
Water: 14-16g/100 ml at 25 ° C

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:
Decomposition will not occur if used and stored according to specifications.
Materials to be avoided: Oxidizing agents
Dangerous reactions No dangerous reactions known
Dangerous products of decomposition: Carbon monoxide and carbon dioxide

11. Toxicological information

Acute toxicity:
LD/LC50 values that are relevant for classification:
Oral: LD50: 9300 mg/kg (rat)
LDLo: 5000 mg/kg (rbt)
Irritation of skin: mild: 500 mg/24H (rbt)
Irritation of eyes: moderate: 100 mg/24H (rbt)
Primary irritant effect:
on the skin: Irritant to skin and mucous membranes.
on the eye: Irritating effect.
Sensitization: No sensitizing effects known.
Subacute to chronic toxicity:
Other than potential irritation (see above), no information on illness or injury from acute or chronic exposure to this product is available.
Additional toxicological information:
To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

12. Ecological information:

General notes: Do not allow material to be released to the environment without proper governmental

permits.

13. Disposal considerations:

Product: Recommendation

Consult state, local or national regulations to ensure proper disposal.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents

14. Transport information

Not a hazardous material for transportation.

Not a hazardous material for transportation.

DOT regulations:

Hazard class: None

Land transport ADR/RID (cross-border)

ADR/RID class: None

Maritime transport IMDG:

IMDG Class: None

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: None

Transport/Additional information:

Not dangerous according to the above specifications.

15. Regulations

Product related hazard informations: Hazard symbols: Xi Irritant

Risk phrases: 36 Irritating to eyes.

Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulations: All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.

Information about limitation of use: For use only by technically qualified individuals.

16 Other information:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.