

## 1: Identification of substance / mixture

### 1. Product Identifier

Substance

Product Name **CEFOPERAZONE SODIUM SALT**  
Product Code C57600  
CAS Number 62893-20-3  
Other Names  
IUPAC  
MFCN Number  
EC/EINECS  
REACH Number Index-No

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

Research and development

### 3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd  
Bildeston Road, Chelsworth  
Ipswich  
Suffolk  
IP77LE  
UK



Telephone: 01449 741178  
Fax: 01449 741217  
Email: support@melford.co.uk

### 4. Emergency telephone number

+44(0)1449 741178 -

## 2. Hazards Identification

### 1. Classification of the substance or mixture

|      |               |  |
|------|---------------|--|
| H317 | Skin Sens. 1  |  |
| H334 | Resp. Sens. 1 |  |

### 2. Label elements

Signal Word **Danger**



### Hazard Statements

|      |  |
|------|--|
| H317 | May cause an allergic skin reaction.                                       |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |

### Precautionary Phrases

|             |   |
|-------------|---|
| P261        | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P280        | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.   |
| P304 + P341 | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.  |
| P363        | Wash contaminated clothing before reuse.  |

### 3. Other Hazards

Additional precautionary phrases are located throughout the safety data sheet

## 3. Composition / Information on Ingredients

### 1. Substances

| Product Name             | Hazards | Concentration |
|--------------------------|---------|---------------|
| CEFOPERAZONE SODIUM SALT |         |               |

CAS Number: 62893-20-3 H317, H334 Resp. Sens. 1, Skin Sens. 1

<=100%

## 4. First Aid Measures

### 1. Description of first aid measures

|                     |  |
|---------------------|--|
| <i>Skin Contact</i> | P302 + P352: IF ON SKIN: Wash with plenty of soap and water.<br>P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.<br>Remove contaminated clothing and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. |
| <i>Eye Contact</i>  | Bathe the eye with running water for 15 minutes. Assure adequate flushing by separating the eyelids with fingers to hospital for further examination.  |
| <i>Ingestion</i>    | Rinse mouth with water. Transfer to hospital as soon as possible.  |
| <i>Inhalation</i>   | P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>Supply fresh air; consult doctor in case of symptoms. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Treat symptomatically.                     |

### 2. Most important symptoms and effects

Nausea and stomach pain may occur. There may be vomiting. There may be an irritation and redness at the site of contact. May be harmful if inhaled. There may be irritation of the throat with a feeling of tightness in the chest.

### 3. Indication of any immediate medical attention

No further action required

## 5. Firefighting measures

### 1. Extinguishing Media

|                   |   |
|-------------------|---|
| <i>Suitable</i>   | Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical. |
| <i>Unsuitable</i> | n / A   |

### 2. Special Hazards arising from the substance or mixture

Upon combustion toxic fumes may be formed.

### 3. Advice for Fire Fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

### 1. Personal Precautions

Refer to section 8 of SDS for personal protection details.

### 2. Environmental Precautions

Do not pour into drains or rivers.

### 3. Methods & Materials

Transfer to a closable, labeled salvage container for disposal by an appropriate method. Wash the spill site with large amounts of water.

### 4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear appropriate PPE.

## 7. Handling and Storage

### 1. Personal Precautions

|  |   |
|--|---|
| <i>Safe Handling</i>                           | Ventilate the area. Avoid direct contact with the substance.              |
| <i>Protection against explosions and fires</i> | P363: Wash contaminated clothing before reuse.<br>No special requirements |

### 2. Conditions for safe storage, including any incompatibilities

|                               |                                  |
|-------------------------------|----------------------------------|
| <i>Managing Storage Risks</i> | Keep container tightly closed.   |
| <i>Storage Controls</i>       | Recommended Storage 2-8 ° C      |
| <i>Maintaining Integrity</i>  | No special requirements          |
| <i>Other advice</i>           | no further information available |

### 3. Specific End Uses

The use (s) End has not been fully determined. The substance is provided for research and development as professionals.

## 8. Exposure Controls/Personal Protection

### 1. Control Parameters

No Data Available

### 2. Exposure Controls

|  |  |
|--|--|
| <i>General protective and hygiene measures</i> | P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>Standard precautions should be followed when handling Wash hands before breaks and at the end of material handling |
| <i>Engineering measures</i>                    | Ventilate the area.  |
| <i>Eye / Face Protection</i>                   | Safety goggles.  |
| <i>Hand protection</i>                         | PVC gloves.  |
| <i>Respiratory protection</i>                  | P261: Avoid breathing dust/fume/gas/mist/vapours/spray.<br>Respirator with particle filter.  |
| <i>Skin protection</i>                         | Protective clothing sleeves and collar closed. PVC boots. PVC apron.   |
| <i>Other personal protection advice</i>        | no data  |

## 9. Physical and Chemical Properties

### 1. Physical and Chemical Properties

|  |                   |
|--|-------------------|
| Appearance                                   | Powder            |
| Odour  | No Data Available |
| Odour threshold                              | No Data Available |
| PH   | No Data Available |
| Melting point / Freezing point               | No Data Available |
| Initial boiling point and boiling range      | No Data Available |
| Flash point                                  | No Data Available |
| Evaporation rate                             | No Data Available |
| Flammability(solid,gas)                      | No Data Available |
| Upper/lower flammability or explosive limits | No Data Available |
| Vapour pressure                              | No Data Available |
| Vapour density                               | No Data Available |
| Relative density                             | No Data Available |
| Solubility(ies):                             | No Data Available |
| Partition coefficient: n-octanol/water       | No Data Available |
| Auto-ignition temperature                    | No Data Available |
| Decomposition temperature                    | No Data Available |
| Viscosity                                    | No Data Available |
| Explosive properties                         | No Data Available |
| Oxidising properties                         | No Data Available |

### 2. Other Information

No additional information available

## 10. Stability and Reactivity

### 1. Reactivity

No data

### 2. Stability

No data

### 3. Possibility of Hazardous Reactions

No data

### 4. Conditions to Avoid

No data

### 5. Incompatible Materials

The oxidizing agents.

## 6. Hazardous Decomposition Products

In combustion emits toxic fumes.

## 11. Toxicology information

### 1. Information

|  |  |
|--|--|
| <i>Acute Toxicity</i>                    | LD50 Oral - rat -> 12,000 mg / kg Remarks: Behavioral: Somnolence (general depressed activity).  |
| <i>Skin corrosion/irritation</i>         | No information available   |
| <i>Serious eye Damage/irritation</i>     | No information available   |
| <i>Respiratory or skin sensitisation</i> | May cause allergic respiratory and skin reactions  |
| <i>Germ Cell mutagenicity</i>            | No information available   |
| <i>Carcinogenicity</i>                   | IARC: No component of this product present at concentrations greater than or equal to 0.1% is identified as probable, possible or confirmed human by IARC. |
| <i>Reproductive toxicity</i>             | Reproductive toxicity - rat - Intravenous Maternal Effects: Other effects.   |
| <i>STOT-single exposure</i>              | No information available   |
| <i>STOT-repeated exposure</i>            | No information available   |
| <i>Aspiration hazard</i>                 | No information available   |

### 2. Additional

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Ingestion: May be harmful if swallowed. Skin: May be harmful if absorbed through the skin. May cause skin irritation. Eyes: May cause eye irritation.

## 12. Ecological Information

### 1. Toxicity

No information available

### 2. Persistence and degradability

No information available

### 3. Bio-Accumulative Potential

No information available

### 4. Mobility and Soil

No information available

### 5. Results of PBT & vPvB assessment

No information available

### 6. Other adverse effects

No information available

## 13. Disposal Considerations

### 1. Waste Treatment Methods

|                              |   |
|------------------------------|---|
| <i>Disposal Operations</i>   | Consult state, local or national regulations for proper disposal. |
| <i>Disposal of Packaging</i> | Disposal according to official regulations.                       |

## 14. Transport Information

### Air (ICAO)

Not classified as hazardous for transport

### Road (ADR)

Not classified as hazardous for transport

### Sea (IMDG)

Not classified as hazardous for transport

## 15. Safety, health, environmental and national regulations

### 1. Safety, health, environmental and national regulations:

product is subject to any rules or additional provisions

### 2. Safety Assessment

No Chemical Safety Assessment

## 16. Other Information

### 1. Other Information:

ADR: European Agreement on the Transport of Dangerous Goods by Road (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: International concernant Rules the transport of Dangerous Goods by Rail (Regulations concerning the International Carriage of Dangerous Goods by Road iron) IMDG: International Maritime Dangerous Goods IATA: International Air Transport Association IATA-DGR: Réglementatio

### 3. Disclaimer

The product is listed on the purpose of research and development and not for human or animal use. As such, in most cases, toxicological, ecological and physicochemical properties have not been fully determined and the product must be treated with respect and always handled under appropriate conditions by trained personnel. The responsible party should use this form only in combination with other sources of information.