

# SAFETY DATA SHEET

according to HazCom 2012

## Sodium sulfite

Date 06.11.2020

Version 2.0

Date of previous issue: No Previous Validation

US / EN

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                              |   |
|------------------------------|---|
| Trade name                   | : Sodium sulfite  |
| Synonyms                     | : Sodium sulfite reactive, sodium sulfite clean for analysis, sodium sulfite photo grade, Sodium sulfite anhydrous              |
| Use of the Substance/Mixture | : It is used in leather, medical, pharmaceutical, chemical, for the flotation of non-ferrous metal ores and in other industries |
| Company                      | : Chemical Plant named after L.Y. Karpov<br>423650, Russia, Republic of Tatarstan, Mendeleevsk,<br>Pionerskaya str., b. 2.      |
| Telephone                    | : tel.: 8855492-76-61<br>tel.: 8855492-79-43 extension 065  |
| E-mail address               | : root@karpovchem.ru  |
| Emergency telephone number   | : Note: please, consult with your local/national competent authorities for the emergency number in your country.                |

### SECTION 2. HAZARDS IDENTIFICATION

Classification and labelling according to HazCom 2012.

|                 |            |
|-----------------|------------|
| Skin Irritation | : Class 2  |
| Eye Irritation  | : Class 2A |



|                          |  |
|--------------------------|--|
| Signal Word              | : Warning  |
| Hazard statements        | : H315 Causes skin irritation<br>H319 Causes serious eye irritation  |
| Precautionary statements | : P264 Wash arms thoroughly after handling.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P302+P352 IF ON SKIN: wash with plenty of water.<br>P321 See specific treatment on this label<br>P332+P313 IF SKIN irritation occurs: Get medical advice<br>P332+P313 IF SKIN irritation occurs: Get medical advice<br>P337+P313 IF eye irritation persists: Get medical advice<br>P362 Take off contaminated clothing.<br>P305+P351+P338<br>IF IN EYES: |

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Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do- continue rinsing.

Disposal : Dispose of contents or container to in accordance with local regulations.

### SECTION 3. COMPOSITION, INFORMATION ON INGREDIENTS

| Chemical name                        | Concentration, wt. % | CAS-No    |
|--------------------------------------|----------------------|-----------|
| Sodium sulfite<br>clean for analysis | Min 98%              | 7757-83-7 |
| Sodium sulfite<br>Photo grade        | Min 97,5%            | 7757-83-7 |

### SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

Inhalation : Remove to fresh air, free from tight clothing. You need warmth, being at rest.

Skin contact : Rinse well with running water and soap.

Eye contact : In the case of contact with eyes, rinse immediately with plenty of water.

Ingestion : Rinsing the mouth, drinking plenty of fluids, activated charcoal, saline laxative.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

Suitable extinguishing media : The product does not burn. Use extinguishing media for the main source of ignition. In the event of a package fire, water and air-mechanical foam. For small fires - sand, felt.

Unsuitable extinguishing media : No data available

#### Unusual fire and explosion hazards

Specific hazards : The product is safe for fire and explosion hazard

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### Special firefighting procedures

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information : Hazardous decomposition products may be formed under fire conditions. In the event of fire and/or explosion do not breathe fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : For personal protection see section 8.

Environmental precautions : No special environmental precautions required.

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

Reference to other sections : For disposal see section 13.

### SECTION 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : Ventilation of premises, equipment sealing. Rooms where work is carried out with the product must be equipped with general supply and exhaust ventilation. Drug analysis should be performed in a laboratory fume hood. When handling, do not eat, drink or smoke.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

#### Storage

Requirements for storage areas and containers : Store in manufacturer's packaging in covered warehouses. The warranty period is 6 months from the date of manufacture. Avoid contact with water, incl. atmospheric moisture, will damage the product. Incompatible with acids and alkalis, organic substances. Packaging - paper bags with a polyethylene liner, specialized soft containers, polypropylene bags with a dark polyethylene liner.

Advice on common storage : Keep away from food, drink and animal feeding stuffs Incompatible with acids and alkalis, organic substances.

Storage period : 6 month.

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Other data : No data available.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational exposure limits

No data available.

#### Exposure controls

Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.  
Highly effective exhaust ventilation.

#### Personal protective equipment

Respiratory protection : Respirator type N95, N99.

Skin and body protection : Protective clothing.  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Eye protection : Safety goggles with clear lenses.  
Use equipment for eye protection tested and approved under appropriate government standards US.

Hand protection : Protective gloves.  
Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Personal protective equipment (pictograms) :



Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice. Avoid breathing dust. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Follow the eyes and face protection plan.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Powder

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|  |  |
|--|--|
| Form   | : Crystalline  |
| Color  | : White powder   |
| Odor   | : Odourless  |
| Odor threshold                               | : No data available.                                   |
| Upper/lower flammability or explosive limits | : No data available.                                   |
| Vapor density                                | : No data available.                                   |
| Vapor pressure                               | : No data available.                                   |
| pH   | : No data available.                                   |
| Relative density                             | : No data available.                                   |
| Bulk weight                                  | : 1.2-1.3 t / m <sup>3</sup>                           |
| Melting point/freezing point                 | : No data available.                                   |
| Solubility                                   | : At 20° C - 208 200 mg / l<br>at 40° C - 495000mg / l |
| Initial boiling point and boiling range      | : No data available.                                   |
| Flash point                                  | : Not available.                                       |
| Evaporation rate                             | : No data available.                                   |
| Flammability (solid, gas)                    | : The product is not flammable.                        |
| Partition coefficient: n-octanol/water       | : Not applicable for inorganic substances.             |
| Auto-ignition temperature                    | : No data available.                                   |
| Decomposition temperature                    | : No data available.                                   |
| Viscosity                                    | : No data available.                                   |

### SECTION 10. STABILITY AND REACTIVITY

|                                      |   |
|--------------------------------------|---|
| Reactivity                           | : Oxidizes, reacts with acids and alkalis.                  |
| Chemical stability                   | : Stable under the conditions of storage and transportation |
| Incompatibility (materials to avoid) | : Incompatible with acids, alkalis, organic substances.     |
| Hazardous decomposition products     | : Thermal destruction produces sulfur oxides (toxic gases)  |
| Hazardous polymerization             | : No data available   |

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential acute health effect

- Inhalation : Not classification.
- Eyes : Causes serious eye irritation
- Skin : Causes skin irritation
- Ingestion : Agitated state, aggressiveness, irritability, convulsions, vomiting, diarrhea, cold sweat.

#### Sensitization of the respiratory / skin

Sensitizing effect not studied

#### Acute toxicity

- Acute oral toxicity : Rat LD50 - 3560 mg/kg , mouse LD50 - 820 mg/kg
- Acute dermal toxicity : Dog LD Lo - 1300mg/kg  
Cat LD Lo - 1300mg/kg
- Acute inhalation toxicity : No data available

**Chronic toxicity** : No data available

**Mutagenicity** : Mutagenic effect established but not confirmed

**Carcinogenicity** : Person-3 group  
Animals-not installed

**Reproductive toxicity** : Has a gonadotropic effect

**Aspiration hazard** : Not applicable. The product is a solid at normal conditions.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Long-term study fish/daphnia and other aquatic invertebrates/aquatic plants

Toxicity to fish : No data available

Acute toxicity to  
Daphnia Magna : CL50 = 630 mg / L, exposure time- 96 hours

Toxicity to aquatic plants: : No data available

Transforms in the environment. Transformation products are sulfur dioxide and sodium sulfate.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Methods of disposal

Advice on disposal and packaging : Disposal  
In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of in a safe way. Do not dispose of together with household waste.  
Waste codes should be assigned by the user based on the application for which the product was used.

### SECTION 14. TRANSPORT INFORMATION

| Regulatory information | UN number | Proper shipping name | Class | Packing group |
|------------------------|-----------|----------------------|-------|---------------|
| DOT                    | -         | Not dangerous goods  | -     | -             |
| ADR / RID              | -         | Not dangerous goods  | -     | -             |
| IMDG                   | -         | Not dangerous goods  | -     | -             |
| IATA                   | -         | Not dangerous goods  | -     | -             |

### SECTION 15. REGULATORY INFORMATION

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**Department of transport** : Not dangerous goods.

**U.S. Federal Regulations:**

This product is not controlled under the Seveso Directive.

### SECTION 16. OTHER INFORMATION

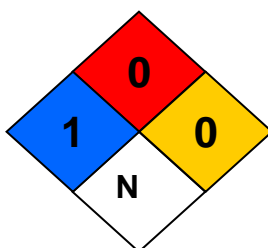
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**Added additions to the synonyms section: Sodium sulfite anhydrous**

Hazardous Material  
Information System (U.S.A.)

|                            |          |
|----------------------------|----------|
| <b>Health</b>              | <b>1</b> |
| <b>Flammability</b>        | <b>0</b> |
| <b>Physical Hazard</b>     | <b>0</b> |
| <b>Personal Protection</b> |          |

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



The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.