



# Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

Works : Plot No. 68-69,G.I.D.C Industrial Estate,Nandesari,Vadodara-391340 (Gujarat)

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## SECTION1:Identificationofthesubstance/mixtureandofthecompany/undertaking

### Product identifiers

Productname : **Sodium Sulphite Anhydrous**

CAS-No. : **7757-83-7**

### Relevantidentifiedusesofthesubstanceormixtureandusesadvisedagainst

Identifieduses : Laboratorychemicals,Industrial&forprofessionaluseonly.

### Detailsofthesupplierofthesafetydatasheet

Company : Qualikems Lifesciences Pvt Ltd

Works : Plot No. 68.69,G.I.D.C  
Industrial Estate, Nandesari,  
Vadodara-391340 (Gujarat)

### Emergency telephone number

Emergency Phone # : +91-265-2841531 (9:00am - 6:30 pm) [Office hours]

## SECTION2:Hazardsidentification

### Classificationofthesubstanceormixture

NotahazardoussubstanceormixtureaccordingtoRegulation(EC)No.1272/2008.

### Labellements

#### LabellingaccordingRegulation(EC)No1272/2008

Pictogram none

Signalword none

Hazard statement(s) none

Precautionarystatement(s) none

SupplementalHazardinformation(EU)

EUH031 Contactwithacidsliberatestoxicgas.

### Otherhazards

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.

Contactwithacidsliberatestoxicgas.

### SECTION3:Composition/informationoningredients

#### Substances

Formula	:	Na <sub>2</sub> SO <sub>3</sub>
Molecularweight	:	126.04g/mol
CAS-No.	:	7757-83-7
EC-No.	:	231-821-4

No components need to be disclosed according to the applicable regulations.  
For the full text of the H-Statements mentioned in this Section, see Section 16.

### SECTION4:Firstaidmeasures

#### Descriptionoffirstaidmeasures General

##### advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

##### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

##### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

##### Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

### SECTION5:Firefightingmeasures

#### Extinguishing media Suitable for

##### Extinguishing media

Dry powder

##### Special hazards arising from the substance or mixture

Sulphur oxides, Sodium oxides

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

No data available

### SECTION6:Accidentalreleasemeasures

#### Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

For personal protection see section 8.

#### Environmental precautions

Do not let product enter drains.

#### Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

#### Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

### Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Never allow product to get in contact with water during storage. Do not store near acids. Air and moisture sensitive.  
Storage class (TRGS 510): Non-Combustible Solids

### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## SECTION 8: Exposure controls/personal protection

### Control parameters

### Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Safety glasses with side-shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If a full-face supplied air respirator is used, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

- |  |                             |
|--|-----------------------------|
| a) Appearance                              | Form: solid                 |
| b) Odour                                   | No data available           |
| c) Odour Threshold                         | No data available           |
| d) pH                                      | 9.0-10.5 at 126 g/l at 25°C |
| e) Melting point/freezing point            | Decomposes before melting.  |
| f) Initial boiling point and boiling range | Not applicable              |

g) Flashpoint	Nodataavailable
h) Evaporationrate	Nodataavailable
i) Flammability(solid,gas)	Theproductisnotflammable.
j) Upper/lower flammabilityor explosivelimits	Nodataavailable
k) Vapourpressure	Nodataavailable
l) Vapourdensity	Nodataavailable
m) Relativedensity	2.630g/cm <sup>3</sup>
n) Watersolubility	126g/lat20°C -completelysoluble
o) Partitioncoefficient:n-octanol/water	Nodataavailable
p) Auto-ignition temperature	does not ignite
q) Decomposition temperature	Nodataavailable
r) Viscosity	Nodataavailable
s) Explosiveproperties	Notexplosive
t) Oxidizingproperties	This substanceormixtureisnotclassifiedas oxidizing.

#### **Othersafetyinformation**

Nodataavailable

### **SECTION10:Stabilityandreactivity**

#### **Reactivity**

Nodataavailable

#### **Chemicalstability**

Stableunderrecommendedstorageconditions.

#### **Possibilityofhazardousreactions**

Nodataavailable

#### **Conditionstoavoid**

Exposuretoairmayaffectproductquality.Exposuretomoisturemayaffectproductquality.

#### **Incompatiblematerials**

Acids,Strongoxidizingagents

#### **Hazardousdecompositionproducts**

Hazardousdecompositionproductsformedunderfireconditions.-Sulphuroxides,Sodiumoxides In the event of fire: see section 5

### **SECTION 11:Toxicologicalinformation**

#### **Informationontoxicologicaleffects Acute**

##### **toxicity**

LD50Oral-Rat-3,560mg/kg(Sodiumsulphite)

LC50Inhalation-Rat-4h ->5,500mg/m<sup>3</sup>(Sodiumsulphite) LD50

Dermal - Rat - > 2,000 mg/kg(Sodium sulphite)

(OECDTestGuideline402)

##### **Skin**

**corrosion/irritation**Skin-

Rabbit(Sodiumsulphite)

Result: No skin irritation

(OECD Test Guideline 404)

**Skin****corrosion/irritation**

Skin-Rabbit(Sodiumsulphite)

Result: No skin irritation

(OECD Test Guideline 404)

**Serious eyedamage/eyeirritation**

Eyes-Rabbit(Sodiumsulphite)

Result: Mild eye irritation

(OECD Test Guideline 405)

**Respiratoryorskinsensitisation**

Prolongedorrepeatedexposuremaycauseallergicreactionsincertainsensitiveindividuals.(Sodium sulphite) invivoassay- Mouse(Sodiumsulphite)

Result:Didnotcausesensitisationonlaboratoryanimals.

**Germcellmutagenicity**

Nodataavailable(Sodiumsulphite)

**Carcinogenicity**

Thisproductisorcontainsacomponentthat isnotclassifiableastoitsclassification.(Sodiumsulphite) (Sodium sulphite)

IARC: 3-Group3:Notclassifiableastoitscarcinogenicitytohumans(Sodiumsulphite)

**Reproductivetoxicity**

Nodataavailable(Sodiumsulphite)

**Specifictargetorgantoxicity-singleexposure**

Nodataavailable(Sodiumsulphite)

**Specifictargetorgantoxicity-repeatedexposure**

Nodataavailable

**Aspirationhazard**

Nodataavailable(Sodiumsulphite)

**AdditionalInformation**

RTECS:WE2150000

Maycause irritationof the:, Gastrointestinaltract, violentcolic, Diarrhoea,Disturbanceof:, circulatory system, Centralnervoussystemdepression,death,Personswithallergiesand/orasthmamayexhibit hypersensitivityto sulfites., To the best of our knowledge,the chemical, physical, and toxicological properties have not been thoroughly investigated.(Sodium sulphite)

Liver-Irregularities-BasedonHumanEvidence(Sodiumsulphite)

**SECTION12:Ecologicalinformation****Toxicity**

Toxicitytofish LC50-Gambusiaaffinis(Mosquitofish)-660mg/l-96h(Sodiumsulphite)

**Persistenceanddegradability**

Themethodsfordeterminingbiodegradabilityarenotapplicabletoinorganicsubstances.

**Bioaccumulativepotential**

Nodataavailable

**Mobilityinsoil**

Nodataavailable(Sodiumsulphite)

**ResultsofPBTandvPvBAssessment**

Thissubstance/mixturecontainsnocomponentsconsideredtobeeitherpersistent,bioaccumulativeand toxic (PBT), or very persistent and verybioaccumulative(vPvB) at levels of 0.1% or higher.

**Otheradverseeffects**

Nodataavailable

## SECTION13:Disposalconsiderations

### Wastetreatmentmethods

#### Product

Offersurplusandnon-recyclablesolutionstoalicenseddisposalcompany.Dissolveormixthematerial with a combustible solvent and burn in a chem scrubber.

#### Contaminatedpackaging

Disposeofasunusedproduct.

## SECTION14:Transportinformation

### UNnumber

ADR/RID:-

IMDG:-

IATA:-

### UN proper shipping name

ADR/RID:Notdangerousgoods

IMDG: Notdangerousgoods

IATA: Notdangerousgoods

### Transporthazardclass(es)

ADR/RID:-

IMDG:-

IATA:-

### Packaginggroup

ADR/RID:-

IMDG:-

IATA:-

### Environmentalhazards

ADR/RID:no

IMDGMarinepollutant:no

IATA:no

### Specialprecautionsforuser

Nodataavailable

## SECTION15:Regulatoryinformation

### Safety,healthandenvironmentalregulations/legislationspecificforthe substanceormixture

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

### Chemicalsafetyassessment

Forthisproductchemicalsafetyassessmentwasnotcarriedout

## SECTION16:Otherinformation

### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Qualikems Lifesciences Pvt. Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.qualikems.com](http://www.qualikems.com) for additional terms and conditions of sale.