

Revision Date  
19.01.2011 Revision

## SAFETY DATA SHEET SODIUM THIOSULPHATE

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product name** SODIUM THIOSULPHATE  
**Product No.** JWS010, JWS011  
**Synonyms, Trade Names** CHLORINE NEUTRALISER  
**CAS-No.** 7772-98-7  
**EC No.** 231-867-5

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

**Identified uses** Chemical

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

**Supplier** Kamco Ltd  
 Unit 9, Curo Park  
 Frogmore  
 St Albans  
 AL2 2DD

Tel: 01727 875020 Fax: 01727 875335 info@Kamco.co.uk

#### 1.4. Emergency telephone number

**Emergency Contact Number (Office Hours)** 01727 875020

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### **Classification (EC 1272/2008)**

Physical and Chemical Hazards Not classified.

Hazards

Human health Not classified.

Environment Not classified.

**Classification (67/548/EEC)** Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16. 2.2. Label elements

**EC No.** 231-867-5

**Label In Accordance With (EC) No. 1272/2008** No pictogram required.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

**Product name** SODIUM THIOSULPHATE  
**CAS-No.** 7772-98-7  
**EC No.** 231-867-5

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Inhalation**

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### **Ingestion**

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Do not induce vomiting.

#### **Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### **Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### **Skin contact**

Skin irritation.

#### **Eye contact**

May cause temporary eye irritation.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. 5.2. Special hazards arising from the substance or mixture

#### **Specific hazards**

Oxides of: Carbon. Sulphur. Hydrogen sulphide (H<sub>2</sub>S). 5.3. Advice for firefighters

#### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation. Provide good ventilation.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### **Ingredient Comments**

No exposure limits noted for ingredient(s). 8.2. Exposure controls

#### **Protective equipment**



#### **Engineering measures**

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

#### **Respiratory equipment**

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

#### **Hand protection**

Use suitable protective gloves if risk of skin contact.

#### **Eye protection**

Wear approved safety goggles.

#### **Other Protection**

Wear rubber apron. Wear rubber footwear.

#### **Hygiene measures**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder, dust or Crystals or crystalline
<b>Colour</b>	White / off-white.
<b>Melting point (°C)</b>	>48
<b>pH-Value, Conc. Solution</b>	7-8 (10% aq)

### 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### **Materials To Avoid**

Strong oxidising substances.

### 10.6. Hazardous decomposition products

Oxides of: Carbon. Sulphur. Hydrogen sulphide (H<sub>2</sub>S).

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### 11.1. Information on toxicological effects

#### **Inhalation**

Dust in high concentrations may irritate the respiratory system.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Powder may irritate skin.

#### **Eye contact**

Particles in the eyes may cause irritation and smarting.

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## SECTION 12: ECOLOGICAL INFORMATION

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#### **Ecotoxicity**

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.1. Toxicity

#### **Acute Fish Toxicity**

Not considered toxic to fish.

### 12.2. Persistence and degradability

#### **Degradability**

The product is biodegradable. 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

No data available on bioaccumulation. 12.4. Mobility in soil

#### **Mobility:**

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

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## SECTION 13: DISPOSAL CONSIDERATIONS

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#### **General information**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

**General:-** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**Road Transport Notes** Not Classified

**Rail Transport Notes** Not classified.

**Sea Transport Notes** Not classified.

**Air Transport Notes** Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). **Approved**

### **Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

### **Guidance Notes**

CHIP for everyone HSG(108).

### **EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

**Issued By** Kamco Limited

**Revision Date** 19.01.2011

**Revision**

