



SENTEK LIMITED
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England

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SAFETY DATA SHEET

1. GENERAL

Trade Name: ZERO OXYGEN STD

Chemical Family: aqueous solution

Part Number: 551-73

Formula: see below

2. INGREDIENTS

Sodium Sulphite (CAS : 7757-83-7), 15%

Water, 85%

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes.

Other hazards: Harmful if swallowed.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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BS EN ISO 9001:2015
Certificate No. FM 36099

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5. FIRST AID MEASURES (ACTION)

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

6. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

7. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not allow large quantities to enter local drainage systems.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water.

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8. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

10. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: White

Odour: Odourless

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

pH: 9-10.5

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11. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Air.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

12. TOXICOLOGICAL INFORMATION

No Data available

13. ECOLOGICAL INFORMATION

Mobility: Non-volatile. Soluble in water.

Persistence and degradability: Aerobically biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: No data available.

14. DISPOSAL CONSIDERATIONS

Disposal operations: Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local regulations.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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15. TRANSPORT INFORMATION

ADR / RID

UN no: -

Shipping name: "NOT SUBJECT TO ADR"

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

16. REGULATORY INFORMATION

Hazard symbols: NR

Risk phrases: R36/38: Irritating to eyes

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Precautionary phrases:

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations.

Refer to all applicable national, international and local regulations or provisions.

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