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Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** NITRITE STANDARD SOLUTION 1000PPM**Product code:** 21371**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC21: Laboratory chemicals.**1.3. Details of the supplier of the safety data sheet****Company name:** EDT directIOn Limited

Unit 5 Waldershare Park Estate

Eythorne

Dover

Kent CT15 5DQ

Tel: 01304829960 **email:** Info@edt.co.uk**1.4. Emergency telephone number****Emergency tel:** +44(0)1304 829960**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** This product has no classification under CLP.**2.2. Label elements****Label elements:** This product has no label elements.**2.3. Other hazards****PBT:** This product is not identified as a PBT/vPvB substance.**Section 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients:**

[cont...]

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SODIUM NITRITE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-555-9	7632-00-0	-	Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400	<1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: The product itself does not burn. Hazardous combustion products may include: Nitrogen Oxides(NOx). Sodium oxides.

5.3. Advice for fire-fighters

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

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: PPE To be worn. See section 8.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Glove material: Nitrile. Layer thickness: 0.15mm. Breakthrough time: >480min. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Wear appropriate clothing to prevent any possibility of skin contact.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Solubility in water:

Soluble

[cont...]

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9.2. Other information**Other information:** No data available.**Section 10: Stability and reactivity****10.1. Reactivity****Reactivity:** Stable under recommended transport or storage conditions.**10.2. Chemical stability****Chemical stability:** Stable under normal conditions.**10.3. Possibility of hazardous reactions****Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.**10.4. Conditions to avoid****Conditions to avoid:** Heat.**10.5. Incompatible materials****Materials to avoid:** Strong oxidising agents. Products that are incompatible with water.**10.6. Hazardous decomposition products****Haz. decomp. products:** Does not decompose when used for intended uses.**Section 11: Toxicological information****11.1. Information on toxicological effects****Hazardous ingredients:****SODIUM NITRITE**

ORL	MUS	LD50	175	mg/kg
ORL	RAT	LD50	180	mg/kg
SCU	RAT	LD50	96600	µg/kg

Toxicity values: No data available.**Symptoms / routes of exposure****Skin contact:** There may be mild irritation at the site of contact.**Eye contact:** There may be irritation and redness.**Ingestion:** There may be irritation of the throat.**Inhalation:** No symptoms.**Section 12: Ecological information****12.1. Toxicity****Ecotoxicity values:** No data available.

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12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This revision was updated from previous Revision to incorporate requirements of REACH Regulation 1907/2006, CLP Regulation 1272/2008 and Safety Data Sheet format changes as per Annex II of REACH EU No 453/2010.

Phrases used in s.2 and s.3: H272: May intensify fire; oxidiser.

H301: Toxic if swallowed.

H400: Very toxic to aquatic life.

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Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.