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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: Iodide 1000ppm Standard Solution  
Product code: 21303

### 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  
The Old Silo Store  
St. Radigund's Abbey Farm  
Dover CT15 7DL  
UK  
Tel: 01304829960 Email: info@edt.co.uk

### 1.4. Emergency telephone number

Emergency tel: +44 (0)1304829960

## 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

Contains: No other components need to be disclosed according to the applicable regulations.  
Potassium Iodide: CAS Number 7681-11-0

## 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.

[cont...]

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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. Carbon dioxide. Foam. Dry chemical. Water spray. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

Exposure hazards: The product itself does not burn. No hazardous combustion products

**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.

**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. Wash hands before breaks and immediately after handling the product.

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

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

**Incompatible Products:** Strong bases. Strong acids. Strong oxidizers

### 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. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). 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

### 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.

**Discolours on exposure to light**

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Discolours in light

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### 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, Extreme cold and direct sunlight.

### 10.5. Incompatible materials

Materials to avoid: 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

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.

### 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

[cont...]

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### 13.1. Waste treatment methods

**Disposal operations:** Product must be disposed of in accordance with the respective national legislation.

**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.

*\* indicates text in the SDS which has changed since the last revision.*

**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 damage resulting from handling or from contact with the above product.