

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier: Carbonate 1000 ppm Standard Solution 500ml - Product Code: 21323

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 Unit 5 Waldershare Park, Dover CT15 5DQ UK

Tel: +44(0)1304 829960

Email: info@edt.co.uk

1.4. Emergency telephone number -Emergency tel: +44(0)1304 829960

Section 2: Composition/information on ingredients

* **Chemical characterization**

* **Description:** Water and sodium carbonate, anhydrous.

* **Additional information:** For the wording of the listed risk phrases refer to section 16.

Section 3: Hazards identification

* **Hazard description:** None under normal conditions.

* **Information concerning to particular hazards to man and environment:**

* **Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Section 4: First-aid measures

* **General information:** Always seek professional medical attention after first aid measures are provided.

* **After inhalation:** Assure fresh air breathing. Allow victim to rest.

* **After skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

* **After eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

* **After swallowing:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Section 5: Fire-fighting measures

* **Suitable extinguishing agents:** Foam. Dry powder. Carbon dioxide. Water spray. Sand. Do not use a heavy water stream.

* **Fire fighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

* **Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental release measures

* **Person-related safety precautions:** Safety glasses. Gloves. Equip cleanup crew with proper protection. Ventilate area.

* **Measures for environmental protection:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

* **Measures for cleaning/collecting:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

* **Additional information:**

Section 7: Handling and storage

- * **Information for safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
- * **Information about fire - and explosion protection:** See item 5.
- * **Storage:** Keep container closed when not in use.
- * **Incompatible products:** Strong oxidisers. Strong acids.
- * **Incompatible materials:** Sources of ignition. Direct sunlight.

Section 8: Exposure controls/personal protection

- * **Appropriate engineering controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.
- * **Personal protective equipment:** Avoid all unnecessary exposure.
- * **Protection of hands:** Wear protective gloves.
- * **Eye protection:** Chemical goggles or safety glasses.
- * **Respiratory protection:** Wear appropriate mask.
- * **Other information:** Do not eat drink or smoke during use.

Section 9: Physical and chemical properties*** General Information**

Form:	Liquid
Colour:	Colourless
Odour:	Odourless

*** Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

* Flash point:	Not applicable.
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* Self-igniting:	Product is not selfigniting.
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* Danger of explosion:	No data available.
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* Density:	1g/ml
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* Solubility/ miscibility with water:	Soluble.
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* pH-value at 20°C:	Undetermined.
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Section 10: Stability and reactivity

- * **Stability:** Stable under normal conditions of use and storage.
- * **Incompatible materials:** Strong acids. Strong oxidisers.
- * **Conditions to avoid:** Indefinite if stored properly.
- * **Hazardous decomposition products:** Fume. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological information

- * **Acute toxicity:** Not Classified
 - * **Primary irritant effect:**
 - * **Skin corrosian/irritation:** Not classified.
 - * **Serious eye damage/irritation:** Not classified.
 - * **Respiratory or skin sensitization:** Not classified.
 - * **Likely routes of exposure:** Skin and eyes contact.
 - * **Potential adverse human health affects and symptoms:** Skin and eyes contact.
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Section 12: Ecological information

- * **General notes:** Avoid release to the environment.
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Section 13: Disposal considerations

- * **Waste disposal recommendation:** Dispose in a safe manor in accordance with local/national regulations.
 - * **Ecology - waste materials:** Avoid release to the environment.
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Section 14: Transport information

- * **Land transport:** Not regulated by DOT.
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Maritime transport IMDG: Not regulated.

- * **Air transport ICAO-TI and IATA-DGR:** Not regulated.
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- * **Transport/Additional information:** Not dangerous according to the above specifications.
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Section15: Regulatory information

- * **Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals.
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Section 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with local or national laws.

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