

	<p style="text-align: center;">MSDS Material Safety Data Sheet</p>	<p>Document No.: MSDS076 Version No.: 01 Effective Date: 20 Oct 2011</p>
<p>Thallium Reagent</p>		

1. Identification of the substance or preparation and the company/undertaking

Product Name: Thallium Reagent

Product number: R-100-001EDT-01

company: Cogent Environmental Ltd
Unit 3, Edinburgh House
Innovation Park
Cambridge, CB4 0DS
UK

Telephone: +44 (0) 1223 420311

Email: info@cogenv.co.uk

2. Composition/information on ingredients

Product name: Ethylenediaminetetra-acetic acid disodium salt solution

CAS number: 6381-92-6

EC number: 205-358-3

<u>Hazardous Ingredients</u>	<u>Proportion</u>	<u>CAS-No</u>	<u>EC-No</u>
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None

3. Hazards identification

Not hazardous

4. First aid measures

If swallowed: Wash out mouth thoroughly providing person is conscious. Do not induce vomiting. Seek medical advice.

After eye contact: Irrigate thoroughly with water for at least 15 minutes. If discomfort persists obtain medical attention.

After skin contact: Wash skin thoroughly with water and mild soap.

If inhaled: Remove individual from contaminated air, rest and keep warm. If breathing is difficult give oxygen and seek medical assistance.

5. Fire-fighting measures

Not combustible. May emit toxic fumes under fire conditions.

Wear self container breathing apparatus and protective clothing to prevent contact with eyes and skin.

Use water spray, Carbon dioxide, Dry Chemical Powder to control fire situation if compatible with other chemical products in the vicinity.

6. Accidental release measures

Absorb spills with sand or vermiculite. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with local regulations.

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7. Handling and storage

Handling: Do not breathe vapour. Do not get in eyes, on skin or clothing. Change contaminated clothing. Wash hands after working with substance. Avoid prolonged or repeated exposure.

Storage: Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

8. Exposure controls and personal protection

Engineering Controls:

Always use this product with good general ventilation (10-15 changes of air in the room per hour) or preferably in a chemical fume hood. Maintain atmospheric concentrations as low as possible.

Personal Protection:

Avoid all skin and eye contact. Wear protective clothing including safety glasses and rubber or PVC gloves. Never pipette by mouth.

9. Physical and chemical properties

Appearance:	Clear colourless Liquid
Boiling point (°C):	100 (approx)
Vapour pressure (mmHg at 20°C):	25 (approx)
Specific Gravity (g/mL):	1.0
Flash Point (°C):	Not flammable
Flammability limits (%):	Not flammable
Solubility in water (g/L):	Completely miscible

10. Stability and reactivity

Substances to be avoided: Strong oxidising agents

Hazardous decomposition products: Carbon monoxide, Carbon dioxide, Nitrogen oxides

11. Toxicological information

After ingestion: disturbed electrolyte balance. Ingestion of large amounts may cause damage to kidneys.

After skin contact: May cause irritation.

After eye contact: May cause irritation.

After inhalation: May cause irritation.

12. Ecological information

No data available.

13. Disposal considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe local and national environmental regulations.

14. Transport information

Non – Hazardous for air, road and sea transport.

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15. Regulatory information

Not hazardous according to Directive 67/548/EEC

16. Other information

None

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