

	<p style="text-align: center;">MSDS Material Safety Data Sheet</p>	<p>Document No.: MSDS018 Version No.: 03 Effective Date: 25 Aug 2011</p>
<p>Mercury / Chrome Electrolyte Concentrate</p>		

6. Accidental release measures

Wear protective clothing when dealing with spills. Clean up with plenty of water and run to waste, diluting with running water, diluting with running water. Dispose of in accordance with local regulations.

7. Handling and storage.

Handling: Change contaminated clothing. Wash hands after working with substance.

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. Solution is acidic and may corrode metals. Do not mix with cyanides or sulphides.

8. Exposure controls and personal protection

UK Exposure Limits:

Acetic acid: 37 mg/m³ Short term (15 ppm) & 25 mg/m³ long-term (10 ppm) (IVL)

Cadmium and its compounds (as Cd): 0.025 mg/m³ Long term (MEL).

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.

9. Physical and chemical properties

Appearance:	White crystalline powder
Boiling point (°C):	N/A
Vapour pressure (mmHg at 20°C):	N/A
Specific Gravity (g/mL):	N/A
Flash Point (°C):	Not flammable
Flammability limits (%):	Not flammable
Solubility in water (g/L):	Completely miscible

10. Stability and reactivity

Stable.

Substances to be avoided: bases, aldehydes, alcohols, halogen-halogen compounds, oxidising agents, metals, alkali hydroxides, non-metallic halides, ethanolamine.

11. Toxicological information

After inhalation of vapours: may cause irritation symptoms in the respiratory tract, may lead to the formation of oedemas.

After ingestion: May cause burns in oesophagus and stomach mouth, may cause gastric spasms, bloody vomiting, dyspnoea.

Possible risk of perforation in the oesophagus and stomach.

After skin contact: May cause burns.

After eye contact: May cause burns.

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12. Ecological information

Do not allow to enter drinking water supplies, waste water or soil.

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 or sea transport.

15. Regulatory information

Not classified as dangerous according to EC directives.

16. Other information

None

All information given by the Company is offered in good faith and is believed to the best of our knowledge to be accurate. However this information is offered without warranty representation inducement or licence and the Company does not assume legal responsibility for reliance upon the same.

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