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# Safety Data Sheet

## Carbon dioxide electrolyte (CO<sub>2</sub>)

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

<b>Use of the substance / preparation</b>	Electrolyte for CO <sub>2</sub> sensors.
<b>Chemical characterization</b>	Aqueous solution of inorganic salts.
<b>Product code</b>	51 340 038, 51 340 015 (membran kit)
<b>Supplier</b>	Mettler-Toledo AG Process Analytics Im Hackacker 15 CH-8902 Urdorf Switzerland Phone: +41-44-729 62 11 Fax: +41-44-729 66 36
<b>Emergency telephone number</b>	+41-44-251 51 51 (Tox Center)
<b>Revision Date</b>	04.07.2006
<b>Number</b>	2

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### 2. Composition / information on ingredients

<b>Hazardous components</b>	The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.
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### 3. Hazards identification

None.

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### 4. First aid measures

<b>Inhalation</b>	Not hazardous by inhalation.
<b>Skin contact</b>	Wash hands with water as a precaution.
<b>Eye contact</b>	Flush eyes with water as a precaution.
<b>Ingestion</b>	Rinse mouth.

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### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	No special measures required.
<b>Specific hazards</b>	The product is not flammable.

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### 6. Accidental release measures

<b>Personal precautions</b>	No special measures required.
<b>Environmental precautions</b>	Do not flush into surface water.
<b>Methods for cleaning up</b>	Flush with water.

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### 7. Handling and storage

<b>Handling</b>	No special precautions required.
<b>Storage</b>	Keep out of reach of children. Store at room temperature in the original container.

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### 8. Exposure controls / personal protection

<b>Engineering measures to reduce exposure</b>	General industrial hygiene practice.
<b>Personal protection equipment: Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>Eye protection</b>	Avoid contact with eyes.

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## 9. Physical and chemical properties

<b>Form</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	None.
<b>Physical and chemical properties</b>	pH: 8.0 - 10.0
	Boiling point/range: ~100 °C
	Relative density: 1 g/ml
	Flash point: does not ignite
	Water solubility: completely soluble

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## 10. Stability and reactivity

<b>Stability</b>	No decomposition if stored and applied as directed.
<b>Hazardous decomposition products</b>	None reasonably foreseeable.

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## 11. Toxicological information

<b>Local effects</b>	No data is available on the product itself.
<b>Long term toxicity</b>	None.
<b>Further information</b>	The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

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## 12. Ecological information

<b>Persistence / degradability</b>	Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.
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## 13. Disposal considerations

<b>Waste from residues / unused products</b>	Can be disposed as wastewater, when in compliance with local regulations. European Waste catalogue code (EWC-code): 16 10 02.
<b>Contaminated packaging</b>	Clean container with water. Empty containers should be taken to local recyclers for disposal.

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## 14. Transport information

**Further information** Not classified as dangerous in the meaning of transport regulations.

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## 15. Regulatory information

**Regulatory information** Not for public use.

**Symbol(s)** None.

**R-phrase(s)** None.

**S-phrase(s)** S1/2: Keep locked-up and out of reach of children.

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## 16. Other information

**Recommended use** For industrial application only.

**Further information** Electrolyte solution.  
Contains: < 1% Sodium chloride (CAS 7647-14-5);  
< 1% Sodium hydrogencarbonate (CAS 144-55-8)

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

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