Mettler-Toledo AG
Process Analytics

Address	Im Hackacker 15, CH-8902 Urdorf, Switzerland
Mail address	P.O. Box, CH-8902 Urdorf, Switzerland
Phone	+41-44-729 62 11
Fax	+41-44-729 66 36
Bank	Credit Suisse, 8070 Zurich, Clearing 4835
Account no.	370501-21-90 CHF/IBAN CH71 0483 5037 0501 2109 0

www.mt.com/pro

Safety Data Sheet

according 1907/2006/EC, article 31

Carbon dioxide electrolyte (CO$_2$)

---

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

Use of the substance / preparation

Electrolyte for CO$_2$ sensors.

Chemical characterization

Aqueous solution of inorganic salts.

Product code

51 340 038, 51 340 015 (membran kit)

Supplier

Mettler-Toledo AG
Process Analytics
Im Hackacker 15
CH-8902 Urdorf
Switzerland
Phone: +41-44-729 62 11
Fax: +41-44-729 66 36
Email: process.hotline@mt.com

Emergency telephone number

+41-44-251 51 51 (Tox Center)

Revision Date

17.08.2009

Number

3

---

2. Hazards identification

None

METTLER TOLEDO

3. Composition / information on ingredients

Hazardous components   The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

4. First aid measures

Inhalation   Not hazardous by inhalation.

Skin contact   Wash hands with water as a precaution.

Eye contact   Flush eyes with water as a precaution.

Ingestion   Rinse mouth.

5. Fire-fighting measures

Suitable extinguishing media   No special measures required.

Specific hazards   The product is not flammable.

6. Accidental release measures

Personal precautions   No special measures required.

Environmental precautions   Do not flush into surface water.

Methods for cleaning up   Flush with water.

7. Handling and storage

Handling   No special precautions required.

Storage   Keep out of reach of children.
Store at room temperature in the original container.

8. Exposure controls / personal protection

**Engineering measures
to reduce exposure**   General industrial hygiene practice.

**Personal protection equipment:
Respiratory protection**   No personal respiratory protective equipment normally required.

Eye protection   Avoid contact with eyes.

METTLER TOLEDO

9.   Physical and chemical properties

Form   Liquid.
Colour   Colourless.
Odour   None.

Physical and chemical properties pH: 8.0 - 10.0
                                      Boiling point/range: ~100 °C
                                      Relative density: 1 g/ml
                                      Flash point: does not ignite
                                      Water solubility: completely soluble

10. Stability and reactivity

Stability   No decomposition if stored and applied as directed.

**Hazardous
decomposition products**   None reasonably foreseeable.

11. Toxicological information

Local effects   No data is available on the product itself.

Long term toxicity   None.

Further information   The product contains no substances classified
                                      as hazardous to health in concentrations which should
                                      be taken into account according to EC directive.

12. Ecological information

Persistence / degradability   Contains no substances known to be hazardous to
                                      the environment or not degradable in wastewater
                                      treatment plants.

13. Disposal considerations

**Waste from residues /
unused products**   Can be disposed as wastewater, when in compliance
                                      with local regulations. European Waste catalogue code
                                      (EWC-code): 16 10 02.

Contaminated packaging   Clean container with water. Empty containers should
                                      be taken to local recyclers for disposal.

METTLER TOLEDO

14. Transport information

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

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.

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.

METTLER TOLEDO