Mettler-Toledo AG

Process Analytics

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SAFETY DATA SHEET

according to Regulation (EU) No. 453/2010

Electrolyte Viscolyt

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

1.1. Product identifier

Product code 51340235, 51340236

Synonyms

None.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Preparation

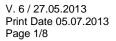
Laboratory chemicals

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification	Mettler-Toledo AG Process Analytics Im Hackacker 15 CH-8902 Urdorf Schweiz Tel: +41-44-729 62 11 Fax: +41-44-729 66 36
	Email: process.hotline@mt.com

1.4. Emergency telephone number	+1-800-535 50 53 (Info Trac, 24 hrs)
Revision Date	27.05.2013
Version	6

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2. Hazards identification

2.1. Classification of the substance or mixture

NFPA Ratings (Scale 0-4): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0 SPECIAL=0 HMIS Ratings (Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0 PROT. EQUIPMENT=A (Safety Glasses)

In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP), the product does not need to be classified nor labelled.

Classification according to EU Directives 67/548/EEC or 1999/45/EC	None.
Additional information	For the full text of the phrases mentioned in this Section, see Section 16.
2.2. Label elements	none
2.3. Other hazards	No hazards to be especially mentioned.

3. Composition/information on ingredients

Chemical characterization

Water based solution of inorganic salts.

Components		CLP Classification	DSD/DPD Classification	CAS	REACH No.
Deionised water	75% - 90%				

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities

None known.

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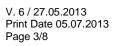
4. First aid measures

4.1. Description of first aid measures			
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Consult a physician for severe cases.		
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.		
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.		
Ingestion	Rinse mouth. Consult a physician for severe cases.		
4.2. Most important symptoms and effects, both acute and delayed	If you feel unwell, seek medical advice (show the label where possible).		
4.3. Indication of any immediate medical attention and special treatment needed	None known.		

5. Firefighting measures

5.1. Extinguishing media	
Suitable extinguishing media	Use dry chemical, CO2, water spray or alcohol foam.
Extinguishing media which must not be used for safety reasons	None.
5.2. Special hazards arising from the substance or mixture	The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Standard procedure for chemical fires. In the event of fire, wear self contained breathing apparatus. Wear protective suit.
Specific methods	Water mist may be used to cool closed containers.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel	Ensure adequate ventilation. Use personal protective equipment. Sweep up to prevent slipping hazard. Avoid contact with skin and eyes. Do not breathe vapours/dust.
Advice for emergency responders	Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment. Sweep up to prevent slipping hazard.
6.2. Environmental precautions	Do not flush into surface water or sanitary sewer system.
6.3. Methods and material for containment and cleaning up	Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.
6.4. Reference to other sections	See chapter 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling	Wear personal protective equipment. Avoid contact with skin and eyes.
7.2. Conditions for safe storage, including any incompatibilities	Store at room temperature in the original container.
7.3. Specific end use(s)	No information available.

8. Exposure controls/personal protection

8.1. Control parameters	
Exposure limit(s)	No data is available on the product itself.
8.2. Exposure controls	
Occupational exposure controls	Avoid contact with skin, eyes and clothing.
Personal protection equipment	
Respiratory protection	In case of good ventilation no personal respiratory protective equipment required.
Hand protection	The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it. Solvent-resistant gloves (butylrubber).
Eye protection	Safety glasses with side-shields conforming to EN 166.
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Skin and body protection Long sleeved clothing.

Thermal hazards No special measures required.

Environmental exposure controls No special measures required.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid.
Colour	Colourless.
Odour	None.
Odour Threshold	No information available.
pH:	~6
Melting point/range:	No information available.
Boiling point/range:	No information available.
Flash point:	No information available.
Evaporation Rate: Flammability: Explosion limits: Vapour pressure: Vapor density: Relative density: Water solubility: Partition coefficient (n- octanol/water):	No information available. No information available. No information available. No information available. No information available. No information available. completely miscible No information available.
Autoignition temperature:	No information available.
Decomposition temperature:	No information available.
Viscosity:	No information available.
Combustion/explosion hazards:	not hazardous
Oxidizing properties:	None

9.2. Other information

10. Stability and reactivity

10.1. Reactivity	No information available.
10.2. Chemical stability	Stable at normal conditions.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	Not required.
10.5. Incompatible materials	None.
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10.6. Hazardous decomposition None reasonably foreseeable. **products**

11. Toxicological information

11.1. Information	on toxicological e	effects
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Acute toxicity	No data is available on the product itself.
Skin corrosion/irritation	
Serious eye damage/eye irritation	No data available.
Respiratory / Skin Sensitisation	No data available.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	No data available.
Information on likely routes of exposure	dermal
Other information	The product contains no substances which at their given concentration, are considered to be hazardous to health.

12. Ecological information	
12.1. Toxicity	No data is available on the product itself.
12.2. Persistence and degradability	Expected to be biodegradable.
12.3. Bioaccumulative potential	Bioaccumulation is unlikely.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No information available.

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13. Disposal considerations

13.1. Waste treatment methods	
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of as unused product.

14. Transport informati	on
ADR/RID	Not required.
IMO	Not required.
ICAO	Not required.
Further Information	Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulatory Information

NFPA Ratings (Scale 0-4): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0 SPECIAL=0

HMIS Ratings (Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0 PROT. EQUIPMENT=A (Safety Glasses)

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15.2. Chemical safety assessment

Not required.

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16. Other information

Key or legend to abbreviations and acronyms	None.
Key literature references and sources for data	Information taken from reference works and the literature.
Classification procedure	Calculation method.
Full text of phrases referred to under sections 2 and 3	None.
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. It is not to be considered a warranty or quality specification.

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