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Safety Data Sheet

according 1907/2006/EC, article 31

Buffer solution pH 4.01

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

Use of the substance / preparation	Buffer solution for pH calibration.
Chemical characterisation	Aqueous solution containing inorganic components.
Product code	51350004, 51350018, 51302069, 51350042, 51350032
Supplier	Mettler-Toledo AG ANALYTICAL Sonnenbergstrasse 74 CH-8603 Schwerzenbach Schweiz Tel: +41-44-806-77-11 Fax: +41-44-806-73-50 Email: ph.lab.support@mt.com
Emergency telephone number	+41-44-251 51 51 (Tox Center)
Revision date	24.01.2011
Number	3

2. Hazards identification

None.

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 Rinse with water.

Eye contact Immediately flush eye(s) with plenty of water.

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 No special environmental precautions required.

Methods for cleaning up Contaminated surfaces will be extremely slippery.
Clean up promptly by sweeping or vacuum.

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

Exposure limit(s)	Not available.
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.

9. Physical and chemical properties

Form	Liquid.
Colour	Red. Clear.
Odour	None.
Physical and chemical properties	pH: 4 Boiling point/range: ~100 °C Relative density: ~1 g/ml Flash point: does not ignite Water solubility: completely miscible

10. Stability and reactivity

Stability	No decomposition if stored and applied as directed.
Conditions to avoid	Extremes of temperature and direct sunlight.
Hazardous decomposition products	None reasonably foreseeable.

11. Toxicological information

Acute toxicity	No data is available on the product itself.
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 Dispose of in accordance with local regulations. European Waste catalogue code (EWC-code): 06 03 99.

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

14. Transport information

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

15. Regulatory information

Regulatory information The product is classified and labelled in accordance with EC directives or respective national laws.

Symbol(s) None.

R-phrase(s) None.

S-phrase(s) None.

16. Other information

Recommended use For industrial application only.

End use 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.

