Mettler-Toledo AG
Process Analytics

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Safety Data Sheet

according 1907/2006/EC, article 31

Buffer solution pH 10.012 NIST (9808)

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	51 340 044, 51 319 008
Supplier	Mettler-Toledo AG Process Analytics Im Hackacker 15 CH-8902 Urdorf Switzerland Tel: +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.

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	Colourless. Clear.	
Odour	None.	
Physical and chemical properties	pH:	10
	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	For industrial application only.
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.