Mettler-Toledo AG
Process Analytics

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Safety Data Sheet

Buffer solution pH 9.180 NIST (9807)

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

51 340 042, 51 319 007

Supplier

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

Revision date

04.07.2006

Number

2

2. 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.

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3. Hazards identification

None.

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.

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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:　　　　　　　9.2
　　　　　　　　　　　　　　　　　　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.

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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.

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