

EG Material Safety Data Sheet

According to 91/155/EC

revised: 11.12.01 printed: 11.12.2001

1. Chemical products and company identification Article number: 51302153 Product name: Conductivity-Standard (84 µS/cm at 25°C) Company: Mettler-Toledo GmbH, Sonnenbergstrasse 74, CH-8603 Schwerzenbach Telephone +41 1 806 77 11 Telefax +41 1 806 73 50
2. Components, formulae Potassium chloride (KCl) 0.0005M CAS-Nr.: [7447-40-7] low concentration of nonhazardious preservatives
3. Hazards identification Hazard description: not applicable Information concerning to particular hazards to man and environment: not applicable Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
First-aid measures General information: No special measures required After inhalation: Supply fresh air; consult doctor in case of complaints After skin contact: Generally the product does not irritate the skin After eye contact: Rinse opened eye for several minutes under running water After swallowing: If symptoms persist consult doctor
5. Fire fighting measures Suitable extinguishing agents: CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam Protective equipment: No special measures required
6. Accidental release measures Person-related safety precautions: Not required Measures for environmental protection: Dilute with plenty of water. Do not allow to enter sewers, surface or ground water Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomie, acid binders, universal binders, sawdust) Additional information: No dangerous substances are released
7. Handling and storage Handling: Information for safe handling: No special measures required Information about fire and explosions protection: No special measures required Storage: Requirements to be met by storerooms and receptacles: No special measures required Information about storage in one common storage facility: Not required Further information about storage conditions: none Storage class: Class according to regulation on flammable liquids: Void

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8. Expose Controls/personal protection:	
Additional information about design and technical facilities: No further data, see item 7	
Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.	
Additional information: The lists valid during the making were used as basis.	
Personal protective equipment:	none
General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection:	Not required
Protection of hands:	Not required
Eye protection:	Goggles recommend during refilling
9. Physical and chemical properties	
Form:	fluid
Colour:	colourless
Odour:	odourless
Melting point:	undetermined
Boiling point:	100° C
Self igniting:	product is not selfigniting
Danger of explosion:	product does not present an explosion hazard
Density (20°C):	1,196 g/cm ³
Solubility in /Miscibility with water:	fully miscible
Vapour pressure (20°C):	23.0 hPa
Solvent content; organic solvents:	0.0%
10. Stability and reactivity	
Thermal decomposition/ conditions to be avoided:	No decomposition if used according to specifications
Dangerous reactions:	No dangerous reactions known.
Dangerous decomposition products:	No dangerous decomposition products known
11. Toxicological information	
Acute toxicology:	see below
Primary irritant effect:	No irritating effects on the skin or on the eye known
Sensitization:	No sensitizing effects known
Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.	

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12. Ecological information General notes: Water hazard class 1 (German regulation, self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
13. Disposal considerations In general: Disposal must be made according the official regulations. Recommendation for the product: Smaller quantities can be disposed with household waste Uncleaned packaging: Disposal must be made according the official regulations Recommended cleansing agent: Water, if necessary together with cleansing agents
14. Transport information Not dangerous according to the usual transport specifications
15. Regulatory information Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and Ordinance on Hazardous Materials (Germ GefStoffV). National regulations: none Classification according to VbF: Void Waterhazard class: Water hazard class 1 (self-assessment); slightly hazardous for water
16. Other information This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.