

Printing date: 01.07.2004

Reviewed on:

1 Identification of substance

- Product details

- Trade name: Electrolyt 44

- Manufacturer/Supplier: Östling Markiersysteme GmbH
Broßhauserstraße 27
D- 42697 Solingen
Germany

- Informing department: Tel.0049 (0)212 26 96 0
Fax. 0049 (0)212 26 96 199

- Emergency information: Safety Department

2 Composition/Data on components:

- Chemical characterization: preparation of anorganic and organic substances
with oxidizing effect based on mineral/water matrix
CAS No. Designation:

- Identification number (s) :
- EINECS Number::
- EG Number:

3 Hazards identification

- Hazard designation:
- Information pertaining to particular dangers for man and environment: VOID

4 First aid measures

- After inhalation:

- After skin contact: After work rinse with water

- After eye contact: Rinse opened eye for several minutes
with copious amounts of running water

- After swallowing: Rinse out mouth and drink copious amounts of water
Induce vomiting and consult doctor

5 Fire fighting measures

- Suitable extinguishing agents: non combustible

- For safety reasons unsuitable extinguishing agents:

- Special hazards caused by the material, its products of combustion or
flue gases: Unknown

- Protective equipment:: VOID

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6 Accidental release measures				
- Person-related safety precautions:				
- Measures for environmental protection:		no special measures required		
- Measures for cleaning/collecting:		absorb mechanically		
7 Handling and storage				
- Handling:				
- Information for safe handling:		keep container tightly sealed		
- Information about protection against explosions and fires:		not combustible; no special measures required		
- Storage:		at room temperature		
- Requirements to be met by storerooms and containers:				
- Information about storage in one common storage facility:		room must be well-ventilated		
- Further information about storage conditions:				
8 Exposure controls and personal protection				
- Additional information about design of technical systems:				
- Components with critical values that require monitoring at the workplace:				
CAS No.	Designation of material	Type	Value	Unit
- Additional information:				
		no further data		
- Personal protective equipment:				
- General protective and hygienic measures:		room must be well ventilated		
- Breathing equipment:::		not necessary		
- Protection of hands:		not necessary		
- Eye protection:		not necessary		
- Body protection:		not necessary		

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9 Physical and chemical properties:			
<ul style="list-style-type: none"> - Form: fluid - Colour: transparent - Smell: odorless 			
	<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
- Change in condition:			
- Melting point/Melting range:	N/A		
- Boiling point/Boiling range:	N/A		
- Flash point:			
	N/A		
- Ignition temperature:			
	not combustible		
- Danger of explosion:			
	product is not explosive		
- Critical values for explosion:			
- Lower:			
- Upper:			
- Steam pressure:			
	N/A		
- Density:			
- Solubility in / Miscibility with:			
- Water:			
- pH-value:			
	4,5 - 5,0		
- Viscosity:			
- dynamic:			
10 Stability and reactivity			
- Conditions to be avoided:			
- Dangerous reactions:			
- Dangerous products of composition:			
11 Toxicological information			
- Acute toxicity:			
- LD/LC50 values that are relevant for classification:			
<u>Components</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
- Primary irritant effect:			
	no irritant effects known		
- on the skin:			
	N/A		
- on the eye:			
	N/A		
- Sensitization:			
	N/A		

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15 Regulatory information

- Designation according to EC guidelines: The product is classified and characterized under EC directives and the ordinance on hazardous materials
- Code letter and hazard designation of product:
- Risk phrases:
- Safety phrases:
- National regulations:
- Technical instructions (air):
Class Share in %
- Water hazard class: WGK 0

16 Other information

These statements solely describe the safety demands of the product and base according to the best of our belief on our today´s knowledge. They, however, do not represent any assurance towards properties of the product within the sense of liability, resp. guaranty regulations and thus are given without any obligation.

- Department issuing data specification sheet:
- Contact: