

MSDS

Material Safety Data Sheet

**Orbisphere**114, route de Thonon, CH-1222 Vézenaz / Geneva, Switzerland
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Pages: 1

1 Item identificationDesignation (as on price list & label): *Electrolyte for O2 sensors*

Product No: 2959

2 Hazardous ingredients

Formula	Common Name(s)	Concentration	%
	<i>Potassium Hydroxide; caustic potash</i>	<i>2 mg/m3</i>	<i>5%</i>

3 Physical / chemical characteristics

Boiling point [°C] <i>100 °C</i>	Vapour press. [mm Hg] <i>That of water</i>	Vapour density (air =1) <i>NA</i>	Melting point [°C] <i>0 °C</i>
Specific gravity (H2O=1) <i>1</i>	Evaporation rate <i>NA</i>		
Appearance, odor: <i>Colourless, odourless</i>			
Solubility in water: <i>Fully miscible with water</i>			

4 Reactivity data

Stability:	Stable: <input checked="" type="checkbox"/> Unstable: <input type="checkbox"/>	Conditions to avoid:
Hazardous polymerization:	No: <input checked="" type="checkbox"/> Possible: <input type="checkbox"/>	Conditions to avoid:
Materials to avoid:	<i>NA</i>	
Hazardous decomposition or byproducts:	<i>NA</i>	

5 Health hazard data

Entry routes:	No danger <input type="checkbox"/>	Avoid : Skin contact: <input checked="" type="checkbox"/> Ingestion: <input checked="" type="checkbox"/> Inhalation: <input type="checkbox"/>
Carcinogenicity:	No: <input checked="" type="checkbox"/>	NTP: <input type="checkbox"/> IARC Monographs: <input type="checkbox"/> OSHA regulated: <input type="checkbox"/>
Health hazards:	<i>Skin burns; poisons</i>	
Symptoms of exposure:	<i>Skin burns after prolonged exposure; stomach pains after ingestion; irritation and burning sensation after eye contact</i>	
First aid procedures:	<i>After ingestion: swallow bicarbonate of soda solution; see doctor Eye or skin contact: wash thoroughly with water</i>	

6 Fire / explosion hazard data

Flash point <i>NA</i>	Flammable limits <i>NA</i>	LEL <i>NA</i>	UEL <i>NA</i>
Fire extinguishing media: <i>NA</i>			
Special firefighting procedures: <i>NA</i>			
Fire hazard:	None: <input checked="" type="checkbox"/>	Flammable: <input type="checkbox"/>	Avoid heat, flame, sparks: <input type="checkbox"/>

7 Precautions for safe handling + use

Measures in case of release / spill:	<i>Wash away with tap water</i>		
Disposal method:	<i>Sink, with large excess of tap water</i>		
Precautions in handling / storing:	<i>Rubber gloves / no special storage requirement</i>		
Protective clothing:	None: <input type="checkbox"/>	Overall: <input checked="" type="checkbox"/>	Glasses: <input checked="" type="checkbox"/> Gloves: <input checked="" type="checkbox"/> Other: <i>NA</i>
Ventilation:	None: <input checked="" type="checkbox"/>	Vent hood: <input type="checkbox"/>	Mechanical (General): <input type="checkbox"/> Special: <input type="checkbox"/>
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