

315994

## AQUAGEN® DESKAL

### Limescale remover

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Code and product name:** 315994 - AQUAGEN® DESKAL  
**Recommended use:** Limescale remover  
**Company identification:** SUMINISTROS CIENTÍFICOS TÉCNICOS, S.A. (SUCITESA)  
 Villarroel, 1 -08205 Sabadell - Spain  
 Telf. +34 93 712 14 11 - Fax +34 93 711 70 57  
[www.sucitesa.com](http://www.sucitesa.com)  
**Emergencies telephone:** +34 900506773

#### 2. COMPOSITION / INFORMATION ABOUT COMPONENTS

**Substance / product:** Preparation

**Information about hazardous components:**

Chemical name	CAS N°	%	CE N°	Symbol	R Phrases
Phosphoric acid	7664-38-2	1-5	231-633-2	C	R34
Hydroxyacetic acid (Glycolacid)	79-14-1	1-5	201-180-5	C	R34

#### 3. IDENTIFICATION OF HAZARDOUS

**Physical-chemical hazards:** -  
**Human health hazards:** Irritating to eyes  
**Environmental hazards:** -

#### 4. FIRST AIDS

**Consults Spanish Toxicology National Institute** In case of accident phone to the Spanish Toxicological Information Service. Tel.+ (34-91) 5620420

##### Symptoms and effects:

**Inhalation:** No significant effects.  
**Ingestion:** No significant effects.  
**Contact with skin:** No significant effects.  
**Contact with eyes:** No significant effects.

##### First aid measures:

**General:** In the case of doubt or when the symptoms persist, seek medical assistance. Never give anything to eat or drink to an unconscious person  
**Inhalation:** Evacuate the affected person from the contaminated area to the fresh air. Monitor breathing and if necessary apply artificial respiration.  
**Ingestion:** If accidentally ingested, rinse the mouth. Do not provoke vomiting and seek medical assistance. Do not give milk or oils.  
**Contact with skin:** Take off any contaminated clothing and wash the skin with water.  
**Contact with eyes:** Immediately rinse with water for at least 15 minutes.

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### 5. FIRE-FIGHT MEASURES

- Suitable extinguishing media:** Foam, CO<sub>2</sub>, chemical powder, pulverized water.
- Not suitable extinguishing media:** In the case of an environmental fire, all fire extinguishing methods are permitted.
- Fire/explosion especial hazards:** Non-flammable.
- Special protection equipment for the fire-fight personnel:** Chemical protection suit. Self-contained breathing apparatus.
- Recommendations:** Avoid fire extinguishing agents running into drains or waterways.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Use suitable personal protector equipment (See section 8)
- Environmental precautions:** See section 12
- Cleaning methods:** Use the safety measures listed in sections 7 and 8. Halt the spread and recover with absorbent materials (soil, sand and other absorbent minerals) and deposit in a suitable container for later elimination in accordance with current local legislation. It must not be allowed to reach the sewer network or water courses. Should this happen the relevant authorities must be notified in accordance with local legislation.

### 7. HANDLING AND STORAGE

- Handling:** Avoid contact with the skin and the eyes.
- Storage:** Storage in accordance with local legislation. Store the containers between 5 and 35°C in a dry, well ventilated place, which located away from any heat sources and protected from direct sunlight.

### 8. EXPOSITION CONTROLS / PERSONAL PROTECTION

#### Labour exposure limits:

Chemical name	Exposition limits values	
	TLV-TWA (Daily exposure)	TLV-STEL (short duration exposure)
Phosphoric acid	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Hydroxyacetic acid (Glycolacid)	-	-

#### Personal protection equipment:

- Respiratory protection:** -
- Hand protection:** Protective gloves made of rubber
- Eyes protection:** Goggles when there is sprinkling risk
- Skin protection:** Use suitable clothing
- (information should be confirmed by each job assessor.)

#### Environmental exposure controls:

See section 12

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent liquid
Colour:	Blue
Odour:	Floral
Viscosity:	-
Density	1.01+-0.01
Ph:	1.7+-0.5
Solubility In Water:	Soluble
Flash Point:	48°C
% Nominal Active Matter	20.6

### 10. STABILITY AND REACTIVITY

Stability:	It is stable under the recommended handling and storage conditions.
Conditions to be avoided:	Keep away from oxidising agents, reactive metals, materials with extreme values of pH and inflammable products.
Hazardous reactions:	Unknown
Hazardous decomposition products:	Unknown

### 11. TOXICOLOGICAL INFORMATION

#### Hazardous effects:

Inhalation:	See section 4
Ingestion:	See section 4
Contact with skin:	See section 4
Contact with eyes:	See section 4

#### Other effects:

Sensitization:	None Known
Narcosis:	None Known
Carcinogenic effects:	None Known
Mutagenic effects:	None Known
Reproductive toxicity:	None Known

### 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Unknown
Mobility:	Unknown
Persistency and degradability:	Unknown
Bioaccumulation potential:	Unknown
Other injurious effects:	Unknown

### 13. DISPOSAL CONSIDERATIONS

Disposal methods:	Direct dumping into sewer networks and water courses is prohibited. Waste product and empty containers must be processed in accordance with current legislation.
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### 14. TRANSPORT INFORMATION

ONU number:	-
Packaging group:	-
<u>Land - ADR</u>	
Transport designation:	Not classified
Class:	-
Label:	-
Other:	-
<u>Sea - IMDG</u>	
Transport designation:	Not classified
Class:	-
Label:	-
Other:	-
<u>Air - ICAO/IATA</u>	
Transport designation:	Not classified
Class:	-
Label:	-
Other:	-

### 15. REGULATORY INFORMATION

#### UE Regulations

In accordance with Directives 67/548/CE and 88/379/CE relatives to the classification, packaging and labelling of hazardous substances and preparations.

#### Hazard symbol/s



Classification:	Irritant (Xi)
	-
R/S Phrases:	R36 Irritating to eyes
	S2 Keep out of the reach of children
	S46 If swallowed, seek medical advice immediately and show this container or label
Other phrases:	Do not swallow
	INDUSTRIAL PRODUCT. PROFESSIONAL USE ONLY
Contains:	-

### 16. OTHER INFORMATION

Normative for detergents:	Applicable
Normative for biocides:	Non-applicable
Normative for cosmetics:	Non-applicable
Normative for aerosols:	Non-applicable
Sanitary Registers:	R.S.I.: 37.00196/B 37.4071/CAT. Made in C.E.
Other:	

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The user shall always be considered responsible for taking appropriate measures for the protection of health, work safety and protection of the environment by making sure that the mediums, installations, personnel involved and services are appropriate for the handling and use of the product and that they fully comply with all requirements stipulated in the current legislation.

The information contained in this document is based in current knowledge and applicable CE legislation although the conditions of use applied by users are outside our control and knowledge. This product should not be used for any purpose other than this indicated in section 1 of this document. Users should make sure that the product is suitable for the intended purposes included on the technical data sheet and for the specific conditions of use, including the performance of previous trials and tests if considered necessary. Suministros Científicos Técnicos, S.A. declines responsibility derived from inadequate use of this product.

The Technical Department of Suministros Científicos Técnicos, S.A., will be pleased to answer any technical query made by users.

This document substitutes previous versions.