

AQUACERT Shower Head Cleaner

1 Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier** Shower Head Plus
Relevant identified uses of the substance or mixture and uses advised against Liquid descaling and sanitising solution for the routine maintenance of shower heads and plumbing fittings.
- 1.2 Details of the supplier of the safety data sheet** AquaCert Ltd
iCon Innovation Centre
Eastern Way
Daventry
NN11 0QB
- 1.3** Tel: 01327 844848
Fax: 01327 844849
Email: info@aquacert.co.uk
- 1.4 Emergency telephone number** 01327 844848 (office hours only)

2 Hazards identification

- 2.1 Classification of the substance or mixture**
Classification under CLP Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Most important adverse effects Causes skin irritation. Causes serious eye irritation.
- 2.2 Label elements**
Hazard statements H315: Causes skin irritation.
H319: Causes serious eye irritation.
- Hazard pictograms** GHS07: Exclamation mark
- Signal words** Warning
- Precautionary statements** P280: Wear protective gloves/protective clothing/eye protection/face protection
P264: Wash skin thoroughly after handling
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P332+P313: If skin irritation occurs: Get medical advice/attention.
- 2.3 Other Hazards** PBT: This product is not identified as a PBT/vPvB substance



3 Composition/information on ingredients

3.2 Hazardous ingredients:

Ingredient	EINECS	CAS	Reach Reg No.	CLP Class	Percent
ALKYL DIMETHYLBENZYLAMMONIUM CHLORIDE	270-325-2	68424-85-1		Acute Tox. 3; Skin Corr. 1B ; Eye Dam. 1; Aquatic Acute 1	1-10%
ORTHOPHOSPHORIC ACID	231-633-2	7664-38-2	01-2119485924-24	Skin Corr. 1B	1-10%
SULPHAMIC ACID	226-218-8	5329-14-6	01-2119488633-28	Skin Irrit. 2 ; Eye Irrit. 2; Aquatic Chronic 3	1-10%

4 First aid measures

- 4.1 Description of first aid measures**
Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion: Wash out mouth with water.
Inhalation: Not applicable
- 4.2 Most important symptoms and effects, both acute and delayed**
Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Exposure may cause coughing or wheezing.

5 Fire-fighting measures

- 5.1 Extinguishing media** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 5.2 Special hazards arising from the substance or mixture**
Exposure hazards In combustion emits toxic fumes
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Personal precautions Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to act without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding

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6.3 Methods and material for containment and cleaning up

Clean-up procedures

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4 Reference to other sections

See to section 8 of SDS

7 Handling and storage

7.1 Precautions for safe handling

Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

No data available

8 Exposure controls/personal protection

Ingredients	State	Workplace Exposure Limits		Respirable Dust	
		8 Hour TWA	15 Minute STEL	8 Hour TWA	15 Minute STEL
ORTHOPHOSPHORIC ACID...100%	UK	1 mg/m3	1 mg/m3	-	-

8.1 Control parameters

Workplace exposure limits

No data available

DNEL/PNEC Values

No data available

8.4 Exposure controls

Engineering measures

Ensure there is sufficient ventilation of the area

Respiratory protection

Self-contained breathing apparatus must be available in case of emergency

Hand protection

Nitrile gloves. Chemical resistant protective gloves (EN 374) Breakthrough time of the glove material > 1 hour

Eye protection

Tightly fitting safety goggles. Ensure eye bath is to hand

Skin protection

Protective clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

State

Liquid

Colour

Pink

Oxidising

-

Solubility in water

Miscible in all proportions

Viscosity

-

Relative density

1.09

pH

-

9.2 Other information

No data available

10 Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes

11 Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients

SULPHAMIC ACID	IPL	RAT	LDLO	100	mg/kg
	ORL	MUS	LD50	1312	mg/kg
	ORL	RAT	LD50	3160	mg/kg
ORTHOPHOSPHORIC ACID ...100%	ORL	RAT	LD50	1530	mg/kg

Effects of Mixture

Calculated

11.2 Symptoms / routes of exposure

Skin contact:

There may be irritation and redness at the site of contact

Eye contact:

There may be irritation and redness. The eyes may water profusely.

Ingestion:

There may be soreness and redness of the mouth and throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects:

Immediate effects can be expected after short-term exposure

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12 Ecological information

12.1 Toxicity	Ecotoxicity values: Not applicable
12.2 Persistence and degradability	Biodegradable.
12.3 Bioaccumulative potential	No bioaccumulation potential.
12.4 Mobility in soil	Readily absorbed into soil.
12.5 Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance
12.6 Other adverse effects	Negligible ecotoxicity.

13 Disposal considerations

13.1 Waste treatment methods	
Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company
Disposal of packaging	Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration. Do not use for potable water.
NOTE: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.	

14 Transport information

14.1 UN Number	-
14.2 UN Proper shipping name	Not classed as dangerous in the meaning of transport regulations
14.3 Transport hazard class(es)	-
14.4 Packing Group	-
14.6 Tunnel Code/Transport Cat.	-

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Not applicable.
Specific regulations	
15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier
Chemical safety assessment	

16 Other information

Chemical safety assessment	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010* indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:	H301+311: Toxic if swallowed or in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product