

EC Safety Data Sheet

BAQUASPA Waterline Control

Version 1
Revision date 09.06.2003

Date of issue 09.06.2003

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Information

Trade name : BAQUASPA Waterline Control

Company : Avecia Biocides
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Liquid for reducing waterline build up.

Product Code : 49610

Hazardous components

Chemical name	CAS-No.	Symbol(s)	R-phrases	Concentration [%]
Polypropylene Glycol	25322-69-4			15 - 30%
Alkyl quaternary ammonium compound		Xi, N	R10 R38 R41 R50/53	5 - 10%

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

This health hazard assessment is based on a consideration of the composition of this product.
Irritating to eyes.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Inhalation : Remove patient from exposure.
Obtain medical attention if ill effects occur.

Skin contact : Remove contaminated clothing.

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- Wash skin with water.
If symptoms develop, obtain medical attention.
- Eye contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes.
Obtain medical attention.
- Ingestion : Wash out mouth with water and give 200-300 ml (half a pint) of water to drink.
Do not induce vomiting.
Obtain medical attention if ill effects occur.

Notes to physician

- Treatment : Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing media : water spray, foam, dry powder or CO₂.
- Specific hazards during fire fighting : Not classed as flammable.
If involved in a fire, it may emit noxious and toxic fumes.
- Special protective equipment for fire-fighters : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure suitable personal protection during removal of spillages.
- Environmental precautions : Do not allow to enter drains, sewers or watercourses.
- Methods for cleaning up : Adsorb spillages onto sand, earth or any suitable adsorbent material.
Transfer to a container for disposal.
Wash the spillage area clean.
Washings must be prevented from entering surface water drains.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid contact with skin and eyes.
Avoid inhalation of high concentrations of vapour/mist.
Provide adequate ventilation to ensure that the defined occupational exposure limit is not exceeded.

Storage

- Requirements for storage : Keep container tightly closed.

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areas and containers

Keep only in the original container.
Keep away from oxidising agents, acids, reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

OES/HSE	Propylene glycol	TWA = 150 ppm
		Total (vapour & particulates)
57-55-6		TWA = 474 mg/m3
		Total (vapour & particulates)
		TWA = 10 mg/m3
		Particulates

Personal protection equipment

Respiratory protection	:	Wear suitable respiratory protective equipment if exposure to high levels of material are likely.
Hand protection	:	Wear suitable gloves.
Eye protection	:	Wear eye/face protection.
Skin and body protection	:	Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	:	liquid
Colour	:	opaque
Odour	:	slightly sweet

Safety Data

Melting point	:	No data.
Boiling point	:	No data.
Autoignition temperature	:	No data.
Flash point	:	>93 °C
Upper explosion limit	:	No data.
Lower explosion limit	:	No data.
Vapour pressure	:	No data.

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Density	: No data.
Relative Density	: 0.97
Water solubility	: No data.
pH	: 7.5
Partition coeff.	: No data.
Additional Information	: Oxidizing properties None known.
	: Explosive properties None known.

10. STABILITY AND REACTIVITY

Conditions to avoid	: None known
Materials to avoid	: May react with oxidising agents, acids, reducing agents.
Hazardous decomposition products	: See 'Fire Fighting Measures'.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: Low oral toxicity.
Acute inhalation toxicity	: Vapour may be irritant to the respiratory tract.
Acute inhalation toxicity	: Mist may be irritant to the respiratory tract.
Skin irritation	: May cause skin irritation.
Eye contact	: Irritating to eyes.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Further information on ecology

Additional ecological information	: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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13. DISPOSAL CONSIDERATIONS

Disposal method : Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Dangerous for Transport

UN No. 3082
Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazardous components (Alkyl quaternary ammonium compound,)

Air Transport ICAO/IATA

Class: 9
Risks: (,III)

Road transport ADR/RID

Class: 9
Risks: (,III)

Maritime Transport IMDG

Class: 9
Risks: (,III)

15. REGULATORY INFORMATION

Classification according to EEC directives

Hazardous components which must be listed on the label:

- Alkyl quaternary ammonium compound

Classification : IRRITANT AND DANGEROUS FOR THE ENVIRONMENT

Hazard labels : Xi Irritant
N Dangerous for the environment

R-phrases : R36 Irritating to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases : S2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S51 Use only in well ventilated areas.

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16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC (93/112/EC).

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