

EC Safety Data Sheet

BAQUASPA Shock

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 Shock

Company : Avecia Biocides
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Liquid oxidising agent.

Product Code : 49660
EEC-No. : 231-765-0

Hazardous components

Chemical name	CAS-No.	Symbol(s)	R-phrases	Concentration [%]
Hydrogen peroxide	7722-84-1	O, C	R5 R8 R20/22 R35	7.5%

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Irritating to eyes and skin.

4. FIRST AID MEASURES

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

Skin contact : Remove contaminated clothing.
Wash skin with water.
Obtain medical attention.
Contaminated clothing should be laundered before re-issue.

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- Eye contact : Immediately 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. Oxidising agent; may assist combustion.
- 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 : Contain and absorb large spillages onto an inert, non flammable adsorbent carrier. Do not adsorb onto sawdust or other combustible materials. Sweep up and shovel into waste drums. Cover and remove for disposal. Wash the spillage area clean. After spillage on combustible materials including clothing, soak with water to prevent a fire hazard.

7. HANDLING AND STORAGE

Handling

- Advice on protection against fire and explosion : Do not mix with other chemicals.
- Advice on safe handling : Avoid contact with skin and eyes. Keep locked up and out of reach of children. Provide adequate ventilation to ensure that the defined occupational exposure limit is not exceeded.

Storage

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Requirements for storage areas and containers : Keep only in the original container in a cool, well ventilated place.
Keep away from direct sunlight.
Keep container standing upright.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

OES/HSE Hydrogen peroxide	TWA = 1 ppm
	TWA = 1.4 mg/m ³
	STEL = 2 ppm
7722-84-1	STEL = 2.8 mg/m ³

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 : colourless

Odour : odourless

Safety Data

Melting point : No data.

Boiling point : approx. 104.4 °C

Autoignition temperature : No data.

Flash point : does not flash

Upper explosion limit : No data.

Lower explosion limit : No data.

Vapour pressure : 14 mmHg
at 20 °C

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Density	:	(1.1 g/ml)
Solubility (Quantitative)	:	No data. Solvent other
Water solubility	:	soluble
pH	:	3.9
Partition coeff.	:	No data.
Additional Information	:	Oxidizing properties Oxidising agent; may assist combustion. Explosive properties None known.

10. STABILITY AND REACTIVITY

Conditions to avoid	:	None known
Materials to avoid	:	Unstable in the presence of certain combustible chemicals and metals decomposing to liberate oxygen.
Hazardous decomposition products	:	See 'Fire Fighting Measures'.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	Ingestion may cause irritation of the gastrointestinal tract.
Skin irritation	:	Irritating to skin.
Eye contact	:	Irritating to eyes.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Ecotoxicity effects

Acute and prolonged toxicity to fish	:	Toxicity to fish LC50 Dose: > 100 mg/l Exposure time: 96 h Method: (by calculation).
Acute toxicity to aquatic	:	Toxicity to daphnia

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Water contaminating class : WGK1
VwVwS Ann. 2

16. OTHER INFORMATION

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

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