

Material Safety Data Sheet

Golden Coast



Legal Disclaimer

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1 PRODUCT NAME: BAQUA CLEAN
PRODUCT CODE: 20 08 581 010

2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation:
Swimming pool filter cleaner

Product Code: 06183
EEC-No: 226-218-8

INGREDIENTS	CAS No.	Hazard symbols	R-Phrases	Concentration
Sulphamic Acid	5329-14-6	Xi	R36/38	75 .. 100%

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.
Causes burns to skin and eyes in presence of moisture.

4 FIRST-AID MEASURES

General advice SPEED IS ESSENTIAL
Eye Contact Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention. Continue irrigation until medical attention can be obtained.
Skin Contact Take off immediately all contaminated clothing. Wash immediately with water followed by soap and water. Obtain immediate medical attention. Contaminated clothing should be laundered before re-issue.
Inhalation Remove patient from exposure. 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 immediate medical attention.
Information for Physicians
Treatment Symptomatic treatment and supportive therapy as indicated.

5 FIRE-FIGHTING MEASURES

Special hazards Not classed as flammable. Thermal decomposition will evolve toxic vapours.
Protective Equipment Full protective equipment including suitable respiratory protection.
Extinguishing Agents Foam, dry powder or carbon dioxide.

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6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** Ensure suitable personal protection during removal of spillages. Protect against dust.
- Environmental precautions** Do not allow to enter drains, sewers of water courses. Spillages or uncontrolled discharges into water courses must be alerted to the appropriate regulatory body.
- Methods for cleaning up** Clear up spillages. Transfer to a container for disposal. Wash the spillage area clean.

7 HANDLING AND STORAGE

- Handling**
- Safe handling advice** Avoid contact with skin and eyes. Do not breathe dust. Keep out of reach of children.
- Measures to prevent fire and explosions** Control dust formation. Keep away from oxidising agents.
- Storage Requirements for storage rooms** Keep only in the original container in a cool, well ventilated place away from moisture. Keep out of reach of children. Keep container dry.
- Unsuitable materials:** Metals.
- Materials not to be stored together** Keep away from alkalis, oxidising agents.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupation exposure limits

OES/HSE ammonia, anhydrous

TWA = 18 mg/m³

TWA = 25 ppm

STEL = 27 mg/m³

STEL = 35 ppm

OES/HSE sulphur dioxide

TWA = 5 mg/m³

TWA = 2 ppm

STEL = 13 mg/m³

STEL = 5 ppm

Additional information on technical system design

Technical measures

Where suitable engineering controls are not fitted or are inadequate, wear suitable protective equipment.

Personal protection

Respiratory protection

Yes

Eye protection

Yes

Hand protection

Yes

Body protection

Yes

9 PHYSICAL AND CHEMICAL PROPERTIES

Form

fine crystalline powder

Colour

white

Odour

No data

Boiling Point

No data

Melting Point

Approx. 190 ° C

Flash Point

Not applicable

Flammability (solid, gas)

Not applicable

Auto Ignition Temperature

Not applicable

Explosion limits

(lower) No data

(upper) No data

Specific gravity

Approx. 21.1

at : (20°C)

Bulk density

Approx. 2.1 kg/m³

Solubility

Solubility in/with water

approx. 21.5

at : 20° C

Solubility

Solubility in/with other

No data

pH-value (qual.)

(quant.)

(No data) at (... ° C)

Partition coeff.

No data at : ... °C

Explosive properties

No data

Oxidising properties

Not data

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10 STABILITY AND REACTIVITY

Hazardous reactions (materials to avoid)

Can react violently if in contact with oxidising agents.

On contact with metals, may generate hydrogen which forms explosive mixtures with air.

Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.

Incompatible materials: alkalis

Hazardous decomposition products

Sulphur dioxide

Ammonia

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY (IRRITATION, SENSITISATION, ETC.)

Inhalation - Symptoms:

Dust is irritant to the respiratory tract.

Toxicology of the decomposition product: Toxic by inhalation. Irritating to respiratory system. Fluid build up on the lung (pulmonary oedema) may occur up to 48 hours after exposure and could prove fatal.

Skin Contact - Symptoms

Irritating to skin.

May cause burns to the skin in the presence of moisture.

Eye Contact - Symptoms

Irritating to eyes. May cause permanent damage if eye is not immediately irrigated.

Ingestion - Symptoms

Will cause severe corrosion of and damage to the gastrointestinal tract.

DELAYED OR CHRONIC TOXICOLOGICAL EFFECTS

Symptoms

A chronic study in animals has shown that doses produce adverse effects.

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12 ECOLOGICAL INFORMATION

ELIMINATION

Degradability : Not applicable

MOBILITY

Solubility in water

Results:

The substance is soluble in water.

Solid with low volatility.

BIOACCUMULATIVE POTENTIAL

The substance has no potential for bioaccumulation.

ECOTOXICITY

Toxicity to fish:

LC50 Fathead Minnows

Dose

: 70.3

Test parameter

: Mortality

Period

: 96 hours

Assessment

: Harmful to fish

BIOCHEMICAL OXYGEN DEMAND

BOD : Not applicable.

COD : Not applicable.

Water pollution class : (WGK1) - (self classification)

13 DISPOSAL CONSIDERATION

Disposal should be in accordance with local, state or national legislation. Bury on an authorised landfill site or incinerate under approved controlled conditions, using incinerators suitable for the disposal of noxious chemical waste.

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14 TRANSPORT INFORMATION

Road transport ADR/RID

dangerous substance as defined in the above regulations

Class: 8
No/letter: 16/c
UN No: 2967
Technical name: SULPHAMIC ACID
Hazard substance 1 : Sulphamic Acid

Maritime transport IMDG

dangerous substance as defined in the above regulations

Class : 8
UN No: 2967
PG: III
EmS No. 8-08
Marine pollutant: No
Proper shipping name: SULPHAMIC ACID
Hazard substance 1 : Sulphamic Acid

Air transport ICAO/IATA

dangerous substance as defined in the above regulations

Class : 8
Un/ID No: 52/c
UN/ID No: 2967 /
PG: III
Technical name: SULPHAMIC ACID
Hazard substance 1 : Sulphamic Acid

15 REGULATORY INFORMATION

Classification according to EEC directives

Classification : IRRITANT

Hazard labels: (Xi) Irritant

R-phrases: (R36/38) Irritating to eyes and skin.

S-phrases: (S2) Keep out of reach of children.

(S26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

(S28) After contact with skin, wash immediately with plenty of water.

(S46) If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients

Sulphamic Acid

National regulatory information.

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16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC.

BAQUA CLEAN is a trade mark of ZENECA Limited.

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