
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Sterile Zyceine Fluid and Wipes
- Product Part Number: 9401, 9420, 0064

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Agma Ltd
- Address of Supplier: Gemini Works
Haltwhistle
Northumberland
NE49 9HA
UK
- Telephone: Tel: +44(0) 1434 320598
- Responsible Person: Malcolm Franklin
- Email: Sds@agma.co.uk

1.4 Emergency telephone number

- Emergency Telephone: Tel: +44(0) 1434 320598
Monday - Thursday : 8:30 - 17:00 (GMT)
Friday: 8:30 - 14:30(GMT)
(office hours only)
Out-of-hours Contact: Alan Barnes
Tel:+44 (0)7936 966108

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Aquatic Chronic 3

2.2 Label elements

- Signal Word:

Hazard statements

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 - Avoid release to the environment.

P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

SECTION 3: Composition/information on ingredients

SECTION 3: Composition/information on ingredients (....)**3.2 Mixtures****Sodium Hydroxide**

CAS Number:	1310-73-2
EC Number:	215-185-5
Concentration:	<0.5%
Specific Concentration Limits:	Not available
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Met. Corr. 1, Skin Corr. 1A, Eye Dam. 1
H Statements:	H290, H314, H318

Citric Acid Anhydrous

CAS Number:	77-92-9
EC Number:	201-069-1
Concentration:	< 0.5%
Specific Concentration Limits:	None assigned
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Eye Irrit. 2
H Statements:	H319

Sodium Dichloroisocyanurate Anhydrous

CAS Number:	2893-78-9
EC Number:	220-767-7
Concentration:	<1%
Specific Concentration Limits:	None assigned
M factor:	Not available
Acute toxicity estimate:	Not available
Categories:	Acute Tox. 4; Eye Irrit. 2; STOT SE 3; Aquatic Acute 1; Aquatic Chronic 1; Ox. Sol. 2
H Statements:	H272,H302,H319,H335,H400,H411

SECTION 4: First aid measures**4.1 Description of first aid measures****Contact with eyes**

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.

Contact with skin

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Ingestion

SECTION 4: First aid measures (....)

If swallowed, rinse mouth with water (only if the person is conscious)

P314 - Get medical advice/attention if you feel unwell.

Inhalation

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314 - Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

May cause redness and irritation

Contact with skin

May cause redness and irritation

Ingestion

May cause gastro-intestinal disturbances

Inhalation

H335 - May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- P273 - Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Place in sealable container
- Disposal should be in accordance with local, state or national legislation

6.4 Reference to other sections

- Refer to section 8 of SDS for personal protection details.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- P273 - Avoid release to the environment.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- Keep only in the original container

7.3 Specific end use(s)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Hazardous Material: Sodium Hydroxide
- WEL (short term): 2 mg/m³ (15 min)
- Hazardous Material: Sodium Dichloroisocyanurate Anhydrous
- DNEL (Consumer; oral, long term systemic effects): 1.15 mg/kg
- DNEL (Consumer; dermal, long term systemic effects): 1.15 mg/kg
- DNEL (Industry; dermal, long term systemic effects): 2.3 mg/kg
- DNEL (Consumer; inhalational, long term systemic effects): 1.99 mg/m³
- DNEL (Industry; inhalational, long term systemic effects): 8.11 mg/m³

8.2 Exposure controls



- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Eyewash bottles should be available
 - Ensure adequate ventilation
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Colourless
- Odour: Characteristic odour
- Melting point/Range: Not available
- Boiling Point/Range: ~100
- Flammability: Not available
- Flashpoint: >93°C
- pH: 5.0 - 6.0
- Solubility in water: Completely soluble in water
- Density: 1.000 - 1.010 g/cm³ at 20 °C
- Viscosity: Non-viscous

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat

10.5 Incompatible materials

- Strong oxidising agent
- Strong acids.

10.6 Hazardous decomposition products

- May give off noxious and toxic fumes in a fire
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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Hazardous Material: Sodium Hydroxide
LD₅₀ (oral, rabbit): >500 mg/kg
Hazardous Material: Citric Acid Anhydrous
LD₅₀ (oral, mouse): 5400 mg/kg
Hazardous Material: Sodium Dichloroisocyanurate Anhydrous
LD₅₀ (oral, mouse): 992 mg/kg
LD₅₀ (oral, rat): 1823 mg/kg
LD₅₀ (dermal) : >5000 mg/kg

Skin corrosion/irritation

See Section 4.1.2

Serious eye damage/irritation

See Section 4.1.1

Respiratory or skin sensitisation

See Section 4.1

Germ cell mutagenicity

No evidence of mutagenic effects

Carcinogenicity

No evidence of carcinogenic effects

Reproductive toxicity

SECTION 11: Toxicological information (....)

No evidence of reproductive effects

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

See Section 4.1.4

11.2 Information on other hazards

- No information available
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SECTION 12: Ecological information

12.1 Toxicity

- Hazardous Material: Sodium Hydroxide
- LC₅₀ (fish): 33 - 189 mg/l (96 hr)
- LC₅₀ (rainbow trout): 45.5 mg/l (96 hr)
- EC₅₀ (Daphnia magna): 40 - 240 mg/l (48 hr)
- Hazardous Material: Citric Acid Anhydrous
- LC₅₀ (fish): 440 mg/l (48 hr)
- EC₅₀ (Daphnia magna): 1535 mg/l (24 hr)
- Hazardous Material: Sodium Dichloroisocyanurate Anhydrous
- LC₅₀ (rainbow trout): >2100 mg/l (96 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- Miscible with water

12.5 Results of PBT and vPvB assessment

- Not identified as a PvB

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- P501 - Dispose of contents/container to an authorised waste collection point
 - Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Not Classified

14.7 Maritime transport in bulk according to IMO instruments

- Not Classified
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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- and CLP (Regulation 1272/2008)

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
H272: May intensify fire; oxidiser. H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H411: Toxic 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.

--- end of safety datasheet ---
