

DRYDEN AQUA LTD

Safety Data Sheet 18

According to Regulation (EC) No. 1907/2006

Date of compilation: 04/12/12

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

Product name	ACO
Product number	5 litres – 5.7.27 20 litres – 5.7.28
Company	Dryden Aqua Ltd Butlerfield Industrial Estate. Bonnyrigg Edinburgh EH19 3JQ United Kingdom
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Section 2 - Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No1272/2008

Eye Irritation (Category 2)
Skin Irritation (Category 2)

Classification according to EU Directive 67/548/EEC or 1999/45/EC

Irritating to eyes. Irritating to skin.

Hazard Symbol



Hazard Statement(s):

H319	Causes serious eye irritation.
H315	Causes skin irritation.
Precautionary Statement(s):	
P102	Keep out of Reach of Children
P103	Read label before use
P264	Wash thoroughly after handling
P273	Avoid Release into the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P350	IF ON SKIN: Wash with plenty of soap and water

ACO

P305+P351+P338 IF IN EYES: Rinse immediately with water for several minutes. Remove Contact lenses, if present and easy to do. Continue Rinsing

Hazard Class: Xi

Irritant

R-phrases(s)

R36/37/38

Irritating to eyes, respiratory system and skin.

S-phrase(s)

S24/25

Avoid contact with skin and eyes.

S26

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

S37/39

Wear suitable protective clothing and gloves.

Potential Health Effects

Eyes

Causes eye irritation.

Skin

Causes skin irritation. The toxicological properties of this material have not been fully investigated.

Ingestion

Causes gastrointestinal irritation with nausea, vomiting and diarrhoea. The toxicological properties of this material have not been fully investigated

Inhalation

Causes respiratory tract irritation. The toxicological properties of this material have not been fully investigated

Section 3 - Composition, Information on Ingredients

Chemical Name	CAS no.	EC No	Index-No	Classification	Concentration
Sodium Silicate Solution	1344-09-8	215-687-4	-	Eye Irrit.2, Skin Irrit2. H319, H315	≤ 0.4%
Other ingredients	-	-	-	-	≤ 0.9%

For the full text of the R phrases mentioned in this Section, see Section 16

Section 4 - First Aid Measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Remove from exposure and move person into fresh air. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Get medical aid immediately.

In case of skin contact

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes, wash before re-use. Obtain medical attention if blistering occurs or redness persists.

In case of eye contact

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

If swallowed

Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2 – 4 cupfuls of milk or water.

Section 5 - Fire Fighting Measures

General information

Non flammable.

Suitable extinguishing media

Use extinguishing media most appropriate for the surrounding fire. Do NOT get water inside containers. Use water spray, dry chemical, carbon dioxide or appropriate foam.

Advice for fire fighters

Wear self contained breathing apparatus pressure-demand and full protective gear.

Section 6 - Accidental Release Measures

Personal precautions

Use proper personal protective equipment as indicated in section 8.

Environmental precautions

Stop spilled material from being released to the environment. Advise authorities if spillage has entered watercourse / sewer or has contaminated soil or vegetation.

Methods and materials for containment and cleaning up

Contain liquid. Collect liquid either by pumping into an emergency tank or by absorption in dry sand, sawdust etc., and scrape up for disposal. Small amounts can be washed away with water.

Section 7 - Handling and Storage

Precautions for safe handling

Ensure good ventilation of workplace. Avoid contact with eyes. Eyewash facilities should be provided in areas where accidental exposure is foreseeable. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Maintain general industrial hygiene practices when using this product.

Conditions for safe storage

Store in a tightly closed container. Store in a cool, dry well-ventilated area. Store between 0°C and 35°C.

Section 8 - Exposure Controls, Personal Protection

Engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash facility. Maintain general industrial practice when using this product.

Personal protective equipment

Respiratory protection

Adequate ventilation.

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the Standard EN 374 derived from it.

Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166

Skin and body protection

Wear appropriate protective clothing to prevent skin exposure.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 - Physical and Chemical Properties

Appearance

Form	liquid
Colour	clear
Odour	none reported

Safety data

pH	8 to 11
Boiling point	101°C

ACO

Solubility	soluble in water
Specific gravity/density	1.18 to 1.22
Viscosity	60 – 100 cps @ 25°C

Section 10 - Stability and Reactivity

Chemical stability

Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to avoid

Incompatible materials, excess heat, temperatures above 75°C (167°F). Keep out of direct sunlight. Avoid acids.

Materials to avoid

Incompatible with strong oxidizing agents, acids, alkalis and most metals.

Section 11 - Toxicological Information

Effect of substance:

On Eyes

Causes irritation.

On Skin

Causes irritation.

By Skin Absorption

Repeated skin exposure may cause dermatitis.

By ingestion

Irritation of mucous membrane brought into direct contact.

When Inhaled

Product does not fume.

Section 12 - Ecological Information

Product ecological information

No ecological data available for this product.

Ingredient ecological information

No ecological data available for the ingredients of this product.

Section 13 - Disposal Considerations

Product

Products considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which can vary according to location.

Contact a specialist disposal company or the local authority for advice. Empty containers must be decontaminated before returning for recycling.

Section 14 - Transport Information

TRGS 510 – Storage Classification : 10-13

ADR/RID

Shipping Name	Not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A

IATA

Shipping Name:	Not regulated
Hazard Class:	N/A
UN Number:	N/A
Packing Group:	N/A

IMO

ACO

Shipping Name: Not regulated
Hazard Class: N/A
UN Number: N/A
Packing Group: N/A

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

European labelling in accordance with EC directives

Xi Irritant

R-phrase(s)
R36/37/38 Irritating to eyes, respiratory system and skin.

S-phrase(s)
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable protective clothing and gloves.

Section 16 - Other Information

R-phrase(s)
R8 contact with combustible materials may cause fire.
R22 Harmful if swallowed.
R36/38 Irritating to eyes, respiratory system and skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

S-phrase(s)
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.

Further information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

OTHER INFORMATION

The information contained in this leaflet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. Provided our products are handled and used in accordance with the advice given, they should offer no hazard to health and safety.
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