

SAFETY DATA SHEET

AQUA

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

1.1. Product identifier

Product name AQUA

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

Identified uses Hard surface cleaner

1.3. Details of the supplier of the safety data sheet

Supplier **HYGENOL CLEANING SUPPLIES LTD**
UNIT 5
PARKWAY BUS CENTRE
DEESIDE
CHESTER
CHESHIRE
CH5 2LD
UNITED KINGDOM

Tel. 01244 288 882
Fax. 01244 288 878
email info@hygenol.co.uk

1.4. Emergency telephone number

National emergency telephone number Mon to Fri 8.30am to 5.00pm - 01244 288 882

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Corr. 1A - H314 Eye Dam. 1 - H318

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi;R38,R41.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

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P102 Keep out of reach of children.
 P260 Do not breathe vapour/spray.
 P280 Wear protective gloves, eye and face protection.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P315 Get immediate medical advice/attention.
 P405 Store locked up.

Contains SODIUM HYDROXIDE

2.3. Other hazards

No other hazards known. This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Alcoholic Ethoxylate CAS number: 160901-19-9 EC number: —	5-10%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.
SODIUM SILICATE CAS number: 1344-09-8 EC number: 215-687-4	5-10%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.
SODIUM HYDROXIDE CAS number: 1310-73-2 EC number: 215-185-5	1-5%
Classification Met. Corr. 1 - H290 Skin Corr. 1A - H314	Classification (67/548/EEC or 1999/45/EC) C;R35
AMPHOTERIC SURFACTANT CAS number: — EC number: —	1-5%
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.

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Amphoteric surfactant

<1%

CAS number: 2605-79-0 **EC number:** 220-020-5

M factor (Acute) = 1

Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Classification (67/548/EEC or 1999/45/EC)

Xn;R22. Xi;R41. N;R50.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues. Rinse nose and mouth with water.

Ingestion

Remove affected person from source of contamination. Get medical attention. Rinse mouth thoroughly with water. Do not induce vomiting. Give plenty of water to drink.

Skin contact

Remove affected person from source of contamination. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Rinse immediately with plenty of water. Remove contaminated clothing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse. Important! Immediately rinse with water for at least 15 minutes. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Irritation of nose, throat and airway.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact

Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam. Dry chemicals, sand, dolomite etc. Water spray. Extinguish with the following media:

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

When heated, vapours/gases hazardous to health may be formed.

5.3. Advice for firefighters

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Protective actions during firefighting

Use water to keep fire exposed containers cool and disperse vapours.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions

Any spillage needs to be contained and not allowed to enter water courses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Flush contaminated area with plenty of water. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage description

See product label for detailed usage and instructions.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment

**Eye/face protection**

Tight-fitting safety glasses.

Hand protection

Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body protection

General workwear only

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties****Appearance**

Clear liquid. Liquid

Colour

Green.

Odour

Citrus

pH

pH (concentrated solution): 13.5

Initial boiling point and range

100°C @

Relative density

1.063 - 1.073 @ @ 20° C°C

Solubility(ies)

Soluble in water.

9.2. Other information**Other information**

None.

SECTION 10: Stability and reactivity**10.1. Reactivity**

May react with other cleaning chemicals. For specific reactions refer to Section 10.5

10.2. Chemical stability**Stability**

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid contact with other chemicals.

10.5. Incompatible materials**Materials to avoid**

Do not mix or use with other products.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO). Toxic gases/vapours/fumes of:

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Toxicological effects

No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.

Acute toxicity - oral

ATE oral (mg/kg)

9,451.79584121

Inhalation

May cause respiratory system irritation.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. May cause stomach pain or vomiting.

Skin contact

Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

Eye contact

Risk of serious damage to eyes. Irritation of eyes and mucous membranes.

SECTION 12: Ecological Information

Ecotoxicity

Not classed as Hazardous to the Environment but release to the environment should be avoided.

12.1. Toxicity

Aquatic toxicity has not been carried out on this product. Data for raw materials contained in this product, when available, can be provided when necessary.

12.2. Persistence and degradability

Persistence and degradability

The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility

The product contains substances, which are water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

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UN No. (ADR/RID) 1760

14.2. UN proper shipping name

Not applicable.

Proper shipping name (ADR/RID) CORROSIVE LIQUID, NOS (Sodium hydroxide, Sodium metasilicate)

Proper shipping name (IMDG) CORROSIVE LIQUID, NOS (Sodium hydroxide, Sodium metasilicate)

Proper shipping name (ICAO) CORROSIVE LIQUID, NOS (Sodium hydroxide, Sodium metasilicate)

Proper shipping name (ADN) CORROSIVE LIQUID, NOS (Sodium hydroxide, Sodium metasilicate)

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

14.6. Special precautions for user

No information required.

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture.

SECTION 16: Other information

General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

Revision comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision date 05/12/2014

Revision 12

AQUA

Risk phrases in full

R22 Harmful if swallowed.
R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
R35 Causes severe burns.
R38 Irritating to skin.

Hazard statements in full

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.