

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: Aquaplug

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

Identified Use(s): No additional information available

Uses Advised Against: No additional information available

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston
Beds
MK42 7EF
01234 846400
Telephone Number:
Emergency Contact Number: 111 (NHS England)
Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Skin corrosion/irritation, Category 2, H315
Serious eye damage/eye irritation, Category 1, H318
Skin sensitisation, Category 1, H317
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation, H335
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



Signal word:

Danger

Contains:

Portland Cement, (+)-Tartaric Acid

Hazard statements:

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation
P102 - Keep out of reach of children.
P261 - Avoid breathing dust.
P280 - Wear protective gloves, protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Precautionary statements:

2.3 Other hazards:

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable

3.2 Mixtures:

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Portland Cement	CAS-No.: 65997-15-1 EC-No.: 266-043-4	$\geq 30 - < 50$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2	$\geq 10 - < 30$	Eye Irrit. 2, H319
(+)-Tartaric Acid	CAS-No.: 87-69-4 EC-No.: 201-776-0	$\geq 1 - < 10$	Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:	
First-aid measures general:	Call a poison centre or a doctor if you feel unwell.
First-aid measures after inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a poison centre or a doctor if you feel unwell.
First-aid measures after skin contact:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion:	Call a poison centre or a doctor if you feel unwell.
4.2 Most important symptoms and effects, both acute and delayed	
Symptoms/effects after inhalation:	May cause respiratory irritation.
Symptoms/effects after skin contact:	Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact:	Serious damage to eyes.
4.3 Indication of any immediate medical attention and special treatment needed:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media	
Suitable extinguishing media:	Water spray. Dry powder. Foam.
5.2 Special hazards arising from the substance or mixture	
Hazardous decomposition products in case of fire:	Toxic fumes may be released.
5.3 Advice for firefighters	
Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel	
For emergency responders:	Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Protective equipment:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2 Environmental precautions:	Avoid release to the environment.
6.3 Methods and material for containment and cleaning up	
Methods for cleaning up:	Mechanically recover the product.
Other information:	Dispose of materials or solid residues at an authorized site.
6.4 Reference to other sections:	For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	
Precautions for safe handling:	Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures:	Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2 Conditions for safe storage, including any incompatibilities:	
Storage conditions:	Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
7.3 Specific end use(s)	No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1.1 National occupational exposure and biological limit values	
Portland Cement (65997-15-1)	
United Kingdom - Occupational Exposure Limits	
Local name	Portland cement
WEL TWA (OEL TWA) [1]	10 mg/m ³ inhalable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
8.1.2. Recommended monitoring procedures	
No additional information available	
8.1.3. Air contaminants formed	
No additional information available	

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2 Exposure controls:

8.2.1. Appropriate engineering controls

Ensure good ventilation of the workstation.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Grey
Odour:	slight
Odour threshold:	No data available
pH:	≈ 11
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	No data available
Freezing point:	Not applicable
Boiling point:	No data available
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data available
Flammability (solid, gas):	Non flammable
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	No data available
Solubility:	No data available
Partition coefficient n-octanol/water (Log Pow):	No data available
Viscosity, kinematic:	Not applicable
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	Not applicable
9.2. Other information	No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
10.4 Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
10.5 Incompatible materials:	No additional information available
10.6 Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

SECTION 11: TOXICOLOGICAL INFORMATION (continue)

Acute toxicity (oral): Not classified
 Acute toxicity (dermal): Not classified
 Acute toxicity (inhalation): Not classified

(+)-Tartaric Acid (87-69-4)

LD50 oral rat	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

Skin corrosion/irritation: Causes skin irritation.
 pH: ≈ 11
 Serious eye damage/irritation: Causes serious eye damage.
 pH: ≈ 11
 Respiratory or skin sensitisation: May cause an allergic skin reaction.
 Germ cell mutagenicity: Not classified
 Carcinogenicity: Not classified
 Reproductive toxicity: Not classified
 STOT-single exposure: May cause respiratory irritation.

Portland Cement (65997-15-1)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure: Not classified
 Aspiration hazard: Not classified

Plug It

Viscosity, kinematic	Not applicable
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Portland Cement (65997-15-1)

Viscosity, kinematic	Not applicable
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
 Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
 Hazardous to the aquatic environment, short-term (acute): Not classified
 Hazardous to the aquatic environment, long-term (chronic) Not rapidly degradable: Not classified
 12.2. Persistence and degradability: No additional information available
 12.3. Bioaccumulative potential: No additional information available
 12.4 Mobility in soil: No additional information available
 12.5 Results of PBT and vPvB assessment: No additional information available
 12.6 Other adverse effects: No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / ADN / RID

	ADR	IMDG	IATA	ADN	RID
14.1. UN number:	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name:	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es):	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group:	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards:	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.6 Special precautions for user:
 Overland transport: Not regulated
 Transport by sea: Not regulated
 Air transport: Not regulated
 Inland waterway transport: Not regulated
 Rail transport: Not regulated
 14.7 Transport in bulk according to IMO instruments: Not applicable

SECTION 15: REGULATORY INFORMATION

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

SECTION 15: REGULATORY INFORMATION (continue)

REACH Annex XVII (Restriction List):	Contains no REACH substances with Annex XVII restrictions
REACH Annex XIV (Authorisation List):	Contains no REACH Annex XIV substances
REACH Candidate List (SVHC):	Contains no substance on the REACH candidate list
PIC Regulation (Prior Informed Consent):	Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
POP Regulation (Persistent Organic Pollutants):	Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
Ozone Regulation (1005/2009):	Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.
Explosives Precursors Regulation (2019/1148):	Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
Drug Precursors Regulation (273/2004):	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)
15.1.2. National regulations:	No additional information available
15.2. Chemical safety assessment:	No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties
Full text of H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

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