

Aquaguard SPC Diluting Agent



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

Product Name: **AQUAGUARD SPC DILUTING AGENT**
 Company Name: Polycote UK
 Centre Point • Wolseley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Classification (EC 1272/2008)
 Physical: Flam. Liq. 3 – H226
 Health hazards: STOT SE 3 – H335, Asp. Tox. 1 – H304
 STOT SE 3 – H335
 Environmental: Aquatic Chronic 2 – H411
 Signal Word: Danger



Hazard statements: H226 Flammable liquid and vapour.
 H411 Toxic to aquatic life with long lasting effects.
 H335 May cause respiratory irritation.
 H304 May be fatal if swallowed and enters airways.

Precautionary statements: P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 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.
 P501 Dispose of contents/container in accordance with national regulations.

Supplementary precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing vapour/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P331 Do NOT induce vomiting.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P391 Collect spillage.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC.; LOW BOILING POINT NAPHTHA	265-199-0	64742-95-6	60-100%

Classification
 Not classified

SECTION 4: FIRST AID MEASURES

General Information: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
 Inhalation: Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
 Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
 Skin Contact: Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
 Eye Contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.
 Specific Hazards: The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
 Fire Fighting Procedures: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool containers exposed to flames with water until well after the fire is out.
 Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing as described in Section 8 of this safety data sheet.
 Environmental Precautions: Avoid discharge into drains, water courses or onto the ground.
 Spill Clean Up Methods: Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 7: HANDLING AND STORAGE

Usage Precautions: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
 Storage Precautions: Keep away from oxidising materials, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.
 Storage Class: Flammable liquid storage.

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC.; LOW BOILING POINT NAPHTHA (CAS: 64742-95-6)

DNEL Workers, Industry – Inhalation; Long term systemic effects: 150 mg/m³
Consumer – Inhalation; Long term systemic effects: 32 mg/m³

Protective equipment:



Engineering Measures: Provide adequate general and local exhaust ventilation.
Respiratory Equipment: If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.

Hand Protection: Use protective gloves.

Eye Protection: Chemical splash goggles.

Other Protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station.

Hygiene Measures: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear Liquid
Colour:	Colourless
Odour:	Aromatic
Solubility:	Immiscible with water Miscible with: Organic solvents
Boiling Point (°C):	162-181 @ 760 mm Hg
Relative Density:	0.882 @ 15°C
Bulk Density:	882 kg/m ³
Vapour Density (air=1):	4.2
Vapour Pressure:	0.29 kPa 20°C
Evaporation Rate:	47 (diethyl ether = 1)
Viscosity:	0.97 cSt 20°C
Flammability Limit – Lower (%)	0.8
Flammability Limit – Upper (%)	7.5
Flash Point (°C)	43 CC (Closed cup)
Auto Ignition Temperature:	450°C
Mol. Weight:	122

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions.
Conditions to avoid:	Avoid heat. Avoid contact with the following materials: Strong oxidising agents.
Haz. Decomposition products:	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:	Harmful by inhalation. Irritating to respiratory system. Gas or vapour is harmful on prolonged exposure or in high concentrations.
Ingestion:	Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.
Skin Contact:	Harmful in contact with skin. Prolonged or repeated exposure may cause severe irritation.
Eye Contact:	May cause severe irritation to eyes.
Target Organs:	Skin. Eyes. Respiratory system, lungs.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.
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SECTION 13: DISPOSAL CONSIDERATIONS

General Information:	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
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

UK Road Class:	3		
Proper Shipping Name:	PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC.; LOW BOILING POINT NAPHTHA, MESITYLENE)		
UN No. Road:	1268	UK Road Pack GR.	III
ADR Class No:	3	ADR Class	Class 3: Flammable liquids
ADR Pack Group:	III	Tunnel Restriction Code	(D/E)
Hazard No. (ADR)	30	ADR Label No.	3
Hazchem Code:	3Y	Cefic Tec(R) No.	30GF1-III
RID Class No.	3	RID Pack Group	III
UN No. Sea:	1268	IMDG Class	3
IMDG Pack GR:	III	EMS	F-E, S-E
MFAG	See Guide	UN No. Air	1268
Air Class:	3	Air Pack GR	III

SECTION 15: REGULATORY INFORMATION

National Regulations:	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended)
EU Directives:	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).
Guidance Notes:	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

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SECTION 16: OTHER INFORMATION

Hazard statements in full:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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