



SAFETY DATA SHEET

Aquawax

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Aquawax
PRODUCT NO.	475-8
APPLICATION	Rinse aid
SUPPLIER	Autosmart International Ltd Lynn Lane, Shenstone, nr Lichfield Staffordshire. WS14 0DH England www.autosmartinternational.com Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) info@autosmartinternational.com
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2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
2-BUTOXYETHANOL	203-905-0	111-76-2	< 1%	Xn;R20/21/22 Xi;R36/38
DICOCODIMETHYL AMMONIUM CHLORIDE	263-087-6	61789-77-3	1-5%	Xn;R22. C;R34. R10.
PROPAN-2-OL	200-661-7	67-63-0	< 1%	F;R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing. Rinse with water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

Oxides of: Carbon. Nitrogen.

Aquawax

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Wash thoroughly after dealing with a spillage. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Do not contaminate water sources or sewer. Small quantities may be flushed to drains with plenty of water. Flush to sewer if local regulations permit.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-BUTOXYETHANOL	WEL	25 ppm		50 ppm		Sk
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through skin.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

No particular ventilation requirements.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

HAND PROTECTION

Use protective gloves made of: Rubber (natural, latex). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

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. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Blue green
ODOUR	Sweetish

Aquawax

SOLUBILITY Soluble in water. Miscible with water
 RELATIVE DENSITY ~ 0.976 (20°C) pH-VALUE, CONC. SOLUTION ~ 8.0
 VOLATILE ORGANIC COMPOUND (VOC) 10 g/litre

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

No specific health warnings noted.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

May cause defatting of the skin, but is not an irritant.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

Because of quantity and composition, the health hazard is small. Serious long-term effects are not known to be related to this type of product.

OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Name	PROPAN-2-OL
Toxic Dose 1 - LD 50	5500 mg/kg (oral rat)
Toxic Conc. - LC 50	47-73 ppm/4h (inh-rat)
Name	2-BUTOXYETHANOL
Toxic Dose 1 - LD 50	1480 mg/kg (oral rat)
Toxic Dose 2 - LD 50	220 mg/kg (ipr-rat)
Toxic Conc. - LC 50	450 ppm/4h (inh-rat)

OTHER HEALTH EFFECTS**ACGIH Carcinogen List.**

Name	DICOCODIMETHYL AMMONIUM CHLORIDE
Toxic Dose 1 - LD 50	960 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No negative effects on the aquatic environment are known. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product is not expected to be hazardous to waste water treatment processes.

MOBILITY

The product is water soluble and may spread in water systems.

BIOACCUMULATION

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

Aquawax**DEGRADABILITY**

The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

WATER HAZARD CLASSIFICATION**WGK 3**

Name	PROPAN-2-OL
LC 50, 96 Hrs, FISH mg/l	9600
EC 50, 48 Hrs, DAPHNIA, mg/l	4600

Mobility

The product is soluble in water.

Bioaccumulation potential

Will not bio-accumulate.

Degradability

The product is expected to be biodegradable.

Name	2-BUTOXYETHANOL
LC 50, 96 Hrs, FISH mg/l	1395-1575
EC 50, 48 Hrs, DAPHNIA, mg/l	1815
IC 50, 72 Hrs, ALGAE, mg/l	>500

Bioaccumulation potential

The product is not bioaccumulating.

Degradability

The product is biodegradable.

Name	DICOCODIMETHYL AMMONIUM CHLORIDE
LC 50, 96 Hrs, FISH mg/l	0.195
EC 50, 48 Hrs, DAPHNIA, mg/l	0.01-0.1

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION**GENERAL**

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

No transport warning sign required.

15 REGULATORY INFORMATION**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

P13 Safety data sheet available for professional user on request.
S24/25 Avoid contact with skin and eyes.

EU DIRECTIVES

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

NATIONAL REGULATIONS

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

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16 OTHER INFORMATION

GENERAL INFORMATION

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Only trained personnel should use this material.

REVISION DATE 15/11/2010

REV. NO./REPL. SDS GENERATED 6

RISK PHRASES IN FULL

R34	Causes burns.
R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.