



NIELSEN

SAFETY DATA SHEET AUTOWASH

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

1.1. Product identifier

Product name AUTOWASH

Internal identification L575

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier NIELSEN CHEMICALS
RAWDON ROAD
MOIRA
SWADLINCOTE
DERBYSHIRE
DE12 6DA
info@nielsenchemicals.com
TEL: +44 (0) 1283 222277
FAX: +44 (0) 1283 225731

1.4. Emergency telephone number

Emergency telephone +44 (0) 777 8505 330 (24 hrs). +44 (0) 1865 407333 (24 hrs). MEDICAL AND ENVIRONMENTAL EMERGENCIES ONLY

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36.

2.2. Label elements

Hazard statements NC Not Classified

Precautionary statements P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information EUH210 Safety data sheet available on request.

Detergent labelling 5 - < 15% anionic surfactants, < 5% amphoteric surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, Contains N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, 1,2-BENZOISOTHIAZOL-3(2H)-ONE

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2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ALCOHOL ETHOXYLATE	<1%
CAS number: 68439-46-3	

Classification

Acute Tox. 4 - H302
Eye Dam. 1 - H318

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

Xn;R22. Xi;R41.

Tetrasodium ethylenediaminetetraacetate	<1%
CAS number: 64-02-8	EC number: 200-573-9
	REACH registration number: 01-2119486762-27-xxxx

Classification

Acute Tox. 4 - H302
Acute Tox. 4 - H332
Eye Dam. 1 - H318

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

Xn;R20/22. Xi;R41.

COCO AMIDO PROPYL BETAINE	<1%
CAS number: —	EC number: 931-296-8
	REACH registration number: 01-2119488533-30-xxxx

Classification

Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

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

Xi;R41.

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE	<1%
CAS number: 2372-82-9	EC number: 219-145-8
M factor (Acute) = 10	

Classification

Acute Tox. 3 - H301
Skin Corr. 1A - H314
STOT RE 2 - H373
Aquatic Acute 1 - H400

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

Xn;R48/22,R22. C;R35. N;R50.

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1,2-BENZISOTHIAZOL-3(2H)-ONE		<1%
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22 R43 Xi;R38,R41 N;R50	
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		

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 and keep warm and at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if symptoms are severe or persist.
Skin contact	Rinse with water. Get medical attention if any discomfort continues.
Eye contact	Rinse with water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	May cause discomfort.
Ingestion	May cause discomfort if swallowed.
Skin contact	Product has a defatting effect on skin.
Eye contact	May cause discomfort.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x).
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5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

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. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin, eyes and clothing. Avoid contact with contaminated tools and objects. Do not reuse empty containers. Do not empty into drains. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 4°C and 40°C.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

ALCOHOL ETHOXYLATE (CAS: 68439-46-3)

DNEL	Workers - Inhalation; Long term systemic effects: 294 mg/m ³
	Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
	General population - Inhalation; Long term systemic effects: 87 mg/m ³
	General population - Dermal; Long term systemic effects: 1250 mg/kg/day
	General population - Oral; Long term systemic effects: 25 mg/kg/day

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PNEC	- Fresh water; 0.10379 mg/l
	- Marine water; 0.10379 mg/l
	- Fresh water, Intermittent release; 0.014 mg/l
	- Sediment (Freshwater); 13.7 mg/kg
	- Sediment (Marinewater); 13.7 mg/kg
	- Soil; 1 mg/kg
	- STP; 1.4 mg/l

Tetrasodium ethylenediaminetetracetate (CAS: 64-02-8)

DNEL	Industry - Inhalation; : 2.8 mg/m ³
	Consumer - Inhalation; : 1.7 mg/m ³
	Consumer - Oral; : 28.0 mg/kg/day
PNEC	- Fresh water; 2.8 mg/l
	- Marine water; 0.28 mg/l
	- Intermittent release; 1.6 mg/l
	- STP; 57 mg/l
	- Soil; 0.95 mg/l

COCO AMIDO PROPYL BETAINE

DNEL	Industry - Dermal; Long term systemic effects: 12.5
	Consumer - Dermal; Long term systemic effects: 7.5 mg/kg/day
	Industry - Inhalation; Long term systemic effects: 44 mg/m ³
PNEC	- Fresh water; 0.0135 mg/l
	- STP; 300 mg/l
	- Soil; 0.8 mg/kg
	- Sediment (Marinewater); 0.1 mg/kg
	- Sediment (Freshwater); 1 mg/kg
	- Marine water; 0.00135 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. Rubber (natural, latex). Neoprene. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Hygiene measures

Wash hands thoroughly after handling.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Straw.
Odour	Mild.
pH	pH (concentrated solution): 7.50
Relative density	1.01 @ 25°C
Solubility(ies)	Completely soluble in water.

9.2. Other information

Other information	Not determined.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not determined.
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10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon dioxide (CO ₂). Carbon monoxide (CO). Nitrous gases (NO _x).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	May cause discomfort.
Ingestion	May cause discomfort if swallowed.
Skin contact	Product has a defatting effect on skin.
Eye contact	May cause discomfort.

Toxicological information on ingredients.

ALCOHOL ETHOXYLATE

Acute toxicity - oral

ATE oral (mg/kg)	500.0
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Tetrasodium ethylenediaminetetraacetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,000.0

Species Rat

ATE oral (mg/kg) 2,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 1,000.0

Species Rat

Notes (inhalation LC₅₀)

ATE inhalation (dusts/mists mg/l) 1.5

COCO AMIDO PROPYL BETAINE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE

Acute toxicity - oral

ATE oral (mg/kg) 100.0

1,2-BENZISOTHIAZOL-3(2H)-ONE

Acute toxicity - oral

ATE oral (mg/kg) 500.0

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Acute toxicity - fish Not determined.

Ecological information on ingredients.

ALCOHOL ETHOXYLATE

Acute toxicity - fish LC₅₀, 96 hours: 57 mg/l, Onchorhynchus mykiss (Rainbow trout)

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Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 2.5 mg/l, Daphnia magna

Tetrasodium ethylenediaminetetraacetate

Acute toxicity - fish LC₅₀, 96 hours, 96 hours: > 500 mg/l, Leuciscus idus (Golden orfe)
LC₅₀, 96 hours: >100 mg/l, Fish

COCO AMIDO PROPYL BETAINE

Acute toxicity - fish LC₅₀, 96 hours, 96 hours: 1.11 mg/l, Pimephales promelas (Fat-head Minnow)
LC₅₀, 96 hours, 96 hours: 1.1 mg/l, Cyprinodon variegatus (Sheepshead minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours, 48 hours: 1.9 mg/l, Freshwater invertebrates
EC₅₀, : 0.3 mg/l, Freshwater invertebrates
EC₅₀, 48 hours: 21.5 mg/l mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 48 hours, 48 hours: 30.0 mg/l, Marinewater algae

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE

Acute aquatic toxicity

LE(C)₅₀ 0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute) 10

1,2-BENZISOTHIAZOL-3(2H)-ONE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Ecological information on ingredients.

Tetrasodium ethylenediaminetetraacetate

Bioaccumulative potential The product is not bioaccumulating.

COCO AMIDO PROPYL BETAINE

Bioaccumulative potential BCF: < 71,

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

COCO AMIDO PROPYL BETAINE

Mobility The product is soluble in water.

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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

COCO AMIDO PROPYL BETAINE

Results of PBT and vPvB assessment This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects Not determined.

Ecological information on ingredients.

COCO AMIDO PROPYL BETAINE

Other adverse effects Harmful to aquatic organisms

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

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.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

Transport labels

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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SECTION 15: Regulatory information

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

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended).
EU legislation	Commission Regulation (EU) No 453/2010 of 20 May 2010. 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.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. vPvB: Very Persistent and Very Bioaccumulative.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	13/04/2016
Revision	3.1
Supersedes date	09/09/2015
SDS number	25285
Risk phrases in full	R22 Harmful if swallowed. R36 Irritating to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes.
Hazard statements in full	H301 Toxic if swallowed. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H332 Harmful if inhaled. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.

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