



SAFETY DATA SHEET

Astonish Vac Maxx Machine Carpet Shampoo

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

1.1. Product identifier

Product name Astonish Vac Maxx Machine Carpet Shampoo
Product number SHAMPOO(MIX)AUTO
Internal identification F7V2

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

Identified uses Cleaning shampoo for electric carpet cleaning machines

1.3. Details of the supplier of the safety data sheet

Supplier

The London Oil Refining Company Ltd
 Astonish House
 Unit 1 Premier Point
 Staithgate Lane
 Bradford BD6 1DW
 (01274) 767440 (office hours only)
 www.astonishcleaners.com
 (01274) 726285

Contact person info@astonish.co.uk

1.4. Emergency telephone number

Emergency telephone (01274) 767440 (office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319
Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H319 Causes serious eye irritation.
 EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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Precautionary statements	P101 If medical advice is needed, have product container or label at hand.
	P102 Keep out of reach of children.
	P103 Read label before use.
	P264 Wash hands thoroughly after handling.
	P280 Wear eye and face protection.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313 If eye irritation persists: Get medical advice/ attention.

Additional Labelling

Detergent labelling	< 5% anionic surfactants, < 5% non-ionic surfactants, < 5% perfumes, < 5% polycarboxylates, Contains 1,2-benzisothiazol-3(2H)-one, Linalool, dl-Citronellol
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium C14-C16 Olefin Sulphonate			1-5%
CAS number: 68439-57-6			
Classification	Classification (67/548/EEC or 1999/45/EC)		
Skin Irrit. 2 - H315	Xi; R41, R38		
Eye Dam. 1 - H318			
Undecanol, branched and linear, ethoxylated (>5-15 EO)			1-5%
CAS number: 127036-24-2		EC number: 931-721-7	
Classification	Classification (67/548/EEC or 1999/45/EC)		
Acute Tox. 4 - H302	Xn; R22. Xi; R41		
Eye Dam. 1 - H318			
Isopropanol			1-5%
CAS number: 67-63-0		EC number: 200-661-7	
REACH registration number: 01-2119457558-25-0000			
Classification	Classification (67/548/EEC or 1999/45/EC)		
Flam. Liq. 2 - H225	F; R11. Xi; R36. R67		
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate			<1%
CAS number: 51981-21-6		EC number: 257-573-7	
REACH registration number: 01-2119493601-38-0000			
Classification	Not Classified		

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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. Xi; R38, R41. N; R50. R43
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	

Linalool	<1%
CAS number: 78-70-6	EC number: 201-134-4

Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xi; R36/38
Eye Irrit. 2 - H319	

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	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
Ingestion	Drink water. If symptoms persist seek medical advice.
Skin contact	Rinse affected area with water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

Inhalation	Possible mild irritation of breathing passage and possible mouth irritation.
Ingestion	Possible mild stomach upset and mild soreness of mouth.
Skin contact	Possible mild transient irritation of skin.
Eye contact	Causes eye irritation.

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

Notes for the doctor	No data available
Specific treatments	No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use extinguisher suitable to cause of fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

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5.3. Advice for firefighters

Protective actions during firefighting Use protection suitable to cause of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use as instructed on label. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in ambient conditions. Keep out of the reach of children.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Isopropanol

Long-term exposure limit (8-hour TWA): EH40 WEL, WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): EH40 WEL 500 ppm 1,250 mg/m³

Linalool

Long-term exposure limit (8-hour TWA): DNEL 2.5 mg/kg Dermal

Long-term exposure limit (8-hour TWA): DNEL 2.8 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 15 mg/cm³ Dermal

Short-term exposure limit (15-minute): DNEL 15 mg/cm³ Dermal

WEL = Workplace Exposure Limit

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (CAS: 51981-21-6)

DNEL

Workers - Inhalation; Short term systemic effects: 55 mg/m³

Workers - Inhalation; Short term local effects: 55 mg/m³

Workers - Inhalation; Long term systemic effects: 7.3 mg/m³

Workers - Dermal; Long term systemic effects: 15000 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 1.8 mg/m³

Consumer - Dermal; Long term systemic effects: 7500 mg/kg/day

Consumer - Oral; Long term systemic effects: 1.5 mg/kg/day

8.2. Exposure controls

SECTION 9: Physical and Chemical Properties

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9.1. Information on basic physical and chemical properties

Appearance	Clear Straw Coloured Liquid
Colour	Straw.
Odour	Floral.
Odour threshold	Not known.
pH	pH (concentrated solution): 8.7 - 10.5
Melting point	Not known.
Initial boiling point and range	Not measured (>100°C)
Flash point	Not determined.
Evaporation rate	Not known.
Evaporation factor	Not known.
Flammability (solid, gas)	Does not ignite.
Upper/lower flammability or explosive limits	Does not ignite.
Other flammability	Not relevant.
Vapour pressure	Not determined.
Vapour density	> 1 (Air=1)
Relative density	0.995 - 1.030 @ 20°C
Bulk density	Not relevant.
Solubility(ies)	Soluble in water
Partition coefficient	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not available.
Viscosity	Not determined.
Explosive properties	None
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No reactivity hazards expected.

10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid None known.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Acute toxicity - oral

ATE oral (mg/kg) 27,450.98

Sodium C14-C16 Olefin Sulphonate

Acute toxicity - oral

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

Species Rat

Undecanol, branched and linear, ethoxylated (>5-15 EO)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 350.0

Species Rat

ATE oral (mg/kg) 350.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Isopropanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,820.0

Species Rat

ATE oral (mg/kg) 5,820.0

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 12,800.0
mg/kg)

Species Rabbit

ATE dermal (mg/kg) 12,800.0

1,2-benzisothiazol-3(2H)-one

Acute toxicity - oral

Acute toxicity oral (LD₅₀) 2,660.0
mg/kg)

Species Acute toxicity estimate

ATE oral (mg/kg) 500.0

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity

The mixture has not been tested. Based on the available data of the ingredients the mixture is not classified as harmful to the aquatic environment.

Undecanol, branched and linear, ethoxylated (>5-15 EO)

Acute toxicity - fish LC₅₀, 96 hours: >1 - 10 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1 - 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >1 - 10 mg/l, Desmodemus subspicatus

Isopropanol

Acute toxicity - fish LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 13299 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 1.000 mg/l, Desmodemus subspicatus

Acute toxicity - microorganisms EC₅₀, : >1000 mg/l, Activated sludge

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 Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

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Isopropanol

Biodegradation - Degradation 95: 21 days

12.3. Bioaccumulative potential

Bioaccumulative potential No bio-accumulative potential noted for any component.

Partition coefficient Not known.

12.4. Mobility in soil

Mobility The components of the mixture are readily absorbed into soil and are mobile in water environment.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

General Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not regulated.

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 MARPOL and the IBC Code

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

SECTION 15: Regulatory information

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

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EU legislation

This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP).
Dangerous Preparations Directive 1999/45/EC.
Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
CAS: Chemical Abstracts Service.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
EC₅₀: 50% of maximal Effective Concentration.

General information

Note: The hazard statements below are explanations of phrases used in the SDS as abbreviations and DO NOT apply to the product. The statements applicable to the product are those identified in Section 2 only.

Revision comments

Product name change.

Issued by

The London Oil Refining Company Ltd

Revision date

22/05/2017

Revision

7.2

Supersedes date

26/03/2015

SDS number

4946

Risk phrases in full

R11 Highly flammable.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50 Very toxic to aquatic organisms.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.