



SAFETY DATA SHEET

Astonish Garden Bouquet Concentrated Disinfectant.

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

1.1. Product identifier

Product name	Astonish Garden Bouquet Concentrated Disinfectant.
Product number	921001
Internal identification	9210F1V1

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

Identified uses	Disinfecting surfaces around the home.
Uses advised against	Do not use for personal cleansing.

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) (01274) 726285 www.astonishcleaners.com
Contact person	info@astonish.co.uk
Manufacturer	As supplier.

1.4. Emergency telephone number

Emergency telephone	(01274) 767440 (office hours only)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards	Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word	Warning
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Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains dl-Citronellol, Linalool. May produce an allergic reaction.
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. P280 Wear protective gloves and eye protection. P264 Wash hands thoroughly after handling. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention.
Additional Labelling	None
Detergent labelling	< 5% cationic surfactants, < 5% disinfectants, < 5% perfumes, Contains dl-Citronellol, Linalool, d-Limonene

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ethanol	1-5%
CAS number: 64-17-5	EC number: 200-578-6
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides	1-5%
CAS number: 68424-85-1	EC number: 270-325-2
M factor (Acute) = 1	M factor (Chronic) = 1
Classification	
Acute Tox. 4 - H302	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

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methanol	<1%
CAS number: 67-56-1	EC number: 200-659-6
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	
dl-Citronellol	<1%
CAS number: 106-22-9	EC number: 203-375-0
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Linalool	<1%
CAS number: 78-70-6	EC number: 201-134-4
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1B - H317	
Sodium Hydroxide	<1%
CAS number: 1310-73-2	EC number: 215-185-5
	REACH registration number: 01-2119457892-07-0000
Classification	
Met. Corr. 1 - H290	
Skin Corr. 1A - H314	

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	Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
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.
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Ingestion	Possible mild stomach upset and mild soreness of mouth.
Skin contact	Causes skin irritation.
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.

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

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use as instructed on label. Avoid contact with skin and 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)

Specific end use(s) Disinfecting surfaces around the home.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ethanol

Short-term exposure limit (15-minute): ELV (IE) 1000 ppm

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methanol

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Long-term exposure limit (8-hour TWA): ELV (IE) 200 ppm 260 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

Sodium Hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

Ethanol (CAS: 64-17-5)

DNEL

Workers - Dermal; Long term : 343 mg/kg
 Workers - Inhalation; : 950 mg/m³
 Consumer - Inhalation; local effects: 950 mg/m³
 Consumer - Dermal; Long term : 206 mg/kg
 Consumer - Inhalation; : 114 mg/m³
 Consumer - Oral; Long term : 87 mg/kg

PNEC

- Fresh water; 0.96 mg/l
 - Marine water; 0.79 mg/l
 - Sediment (Freshwater); 3.6 mg/kg
 - Soil; 0.63 mg/kg

methanol (CAS: 67-56-1)

DNEL

Workers - Dermal; Short term systemic effects: 40 mg/kg
 Workers - Inhalation; Short term systemic effects: 260 mg/m³
 Workers - Inhalation; Short term local effects: 260 mg/m³
 Workers - Dermal; Long term systemic effects: 40 mg/kg
 Workers - Inhalation; Long term systemic effects: 260 mg/m³
 Workers - Inhalation; Long term local effects: 260 mg/m³
 Consumer - Dermal; Short term systemic effects: 8 mg/kg
 Consumer - Inhalation; Short term systemic effects: 50 mg/m³
 Consumer - Oral; Short term systemic effects: 8 mg/kg
 Consumer - Inhalation; Long term local effects: 50 mg/m³
 Consumer - Oral; Long term systemic effects: 8 mg/kg
 Consumer - Inhalation; Long term systemic effects: 50 mg/m³
 Consumer - Dermal; Long term systemic effects: 8 mg/kg
 Consumer - Inhalation; Short term local effects: 50 mg/m³

PNEC

- Fresh water; 154 mg/l
 - Marine water; 15.4 mg/l
 - Sediment; 570.4 mg/kg
 - Soil; 23.5 mg/kg
 - STP; 100 mg/l
 - Intermittent release; 1540 mg/l

8.2. Exposure controls

Eye/face protection Wear eye protection.

Hand protection Wear protective gloves.

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Environmental exposure controls This product does not pose a hazard in normal use when following the usage instructions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear Yellow Liquid
Colour	Yellow.
Odour	Fruity/Floral
Odour threshold	Not known.
pH	pH (concentrated solution): 5.8 - 7.2
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	0.990 - 1.000 @ 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.

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10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

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) 17,815.13

Acute toxicity - dermal

ATE dermal (mg/kg) 120,000.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 1,200.0

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Normal use of product is not expected to pose a risk to the environment.

12.2. Persistence and degradability

Persistence and degradability Contains detergents that satisfy the bio-degradation requirements of directive 648/2004/EC.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is not expected.

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

Other adverse effects None known.

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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

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.
Biocidal Products Regulation (528/2012/EC)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<p>ATE: Acute Toxicity Estimate. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. ECHA: European Chemicals Agency GHS: Globally Harmonized System. PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. vPvB: Very Persistent and Very Bioaccumulative.</p>
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	This is first issue.
Issued by	The London Oil Refining Company Ltd
Revision date	15/08/2019
Revision	1.1
SDS number	5437
Hazard statements in full	<p>H225 Highly flammable liquid and vapour. H290 May be corrosive to metals. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H370 Causes damage to organs . H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains dl-Citronellol, Linalool. May produce an allergic reaction.</p>