

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

#### 1.1. Product identifier

Product form	: Mixture
Product name	: Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo
Product code	: APL250 / ADE 250
Synonyms	: Puppy Love Shampoo / Derma Dog Sensitive Shampoo

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

##### 1.2.1. Relevant identified uses

Intended for general public	
Main use category	: Consumer use
Use of the substance/mixture	: Shampoo for pets

##### 1.2.2. Uses advised against

Restrictions on use	: Use only for intended applications.
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#### 1.3. Details of the supplier of the safety data sheet

Group55  
Matrix Park  
Western Avenue Buckshaw Village  
PR7 7NB Chorley  
United Kingdom  
T +44 (0) 1772 781874  
[khorton@group55.co.uk](mailto:khorton@group55.co.uk)

#### 1.4. Emergency telephone number

Emergency number	: +44 (0) 1772 786864 (Monday to Friday, 09:00 to 17:00 UK)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

None under normal use.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

#### 2.3. Other hazards

Other hazards which do not result in classification	: None under normal conditions.
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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

# Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

## Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Component	
Sodium Lauroyl Methyl Isethionate (928663-45-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Lauroyl Methyl Isethionate	CAS-No.: 928663-45-0	0 – 5	Eye Irrit. 2, H319
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts	CAS-No.: 1334422-9-1 EC-No.: 931-513-6	0 – 5	Eye Dam. 1, H318 Aquatic Chronic 3, H412

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts	CAS-No.: 1334422-9-1 EC-No.: 931-513-6	( 4 <C ≤ 10) Eye Irrit. 2, H319 ( 10 <C < 100) Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call a doctor.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. If symptoms persist call a doctor.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes. If symptoms persist call a doctor.
First-aid measures after ingestion	: If swallowed: rinse mouth. Do NOT induce vomiting. Drink plenty of water. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation	: None.
Symptoms/effects after skin contact	: None.
Symptoms/effects after eye contact	: None.
Symptoms/effects after ingestion	: None.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : The product is not flammable.  
Unsuitable extinguishing media : None.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None.  
Hazardous decomposition products in case of fire : None known.

#### 5.3. Advice for firefighters

Firefighting instructions : None.  
Protection during firefighting : Not applicable (aqueous non combustible product).

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

##### 6.1.1. For non-emergency personnel

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Not applicable.

##### 6.1.2. For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain or absorb spilled liquid with earth or other absorbent material. After cleaning, flush traces away with water. If spilled, may cause the floor to be slippery.

#### 6.4. Reference to other sections

SECTION 8. SECTION 11. SECTION 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep out of reach of children. Avoid contact with skin and eyes.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
Incompatible products : Keep away from food, drink and animal feedingstuffs.

#### 7.3. Specific end use(s)

Shampoo for pets.

# Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

<b>Glycerine (56-81-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - local effects, inhalation	56 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	229 mg/kg bodyweight/day
Long-term - local effects, inhalation	33 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.885 mg/l
PNEC aqua (marine water)	0.0885 mg/l
PNEC aqua (intermittent, freshwater)	8.85 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3.3 mg/kg dwt
PNEC sediment (marine water)	0.33 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.141 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1000 mg/l
<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	2.33 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	8.22 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	0.833 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.45 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	0.833 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	3.2 µg/l
PNEC aqua (marine water)	0.32 µg/l
PNEC aqua (intermittent, freshwater)	20 µg/l
PNEC aqua (intermittent, marine water)	2 µg/l

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### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)

#### PNEC (Sediment)

PNEC sediment (freshwater)	0.219 mg/kg dwt
PNEC sediment (marine water)	21.9 µg/kg dw

#### PNEC (Soil)

PNEC soil	41.9 µg/kg dw
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#### PNEC (STP)

PNEC sewage treatment plant	300 mg/l
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#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

None under normal use.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Not required for normal conditions of use

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Not required for normal conditions of use

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

No respiratory protection needed under normal use conditions

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Off-white.
Appearance	: clear. gel.
Odour	: Floral. Citrus fruits.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 100 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6.5 – 7.5

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Viscosity, kinematic	: Not available
Viscosity, dynamic	: 4000 – 8000 cP
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 960 – 980
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Keep away from heat.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation	: Not classified pH: 6.5 – 7.5
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<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)</b>	
pH	5.19 Temp.: 24,3 °C Concentration: 1 vol%

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Serious eye damage/irritation : Not classified  
pH: 6.5 – 7.5

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)

pH 5.19 Temp.: 24,3 °C Concentration: 1 vol%

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)

NOAEL (animal/female, F1) 1000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:

STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)

LC50 - Fish [1] 2 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

EC50 - Crustacea [1] 6.4 mg/l Test organisms (species): Daphnia magna

LOEC (chronic) 3.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

NOEC (chronic) 0.9 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

### 12.2. Persistence and degradability

#### Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

Persistence and degradability Expected to be biodegradable.

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)

Persistence and degradability Not readily biodegradable.

### 12.3. Bioaccumulative potential

#### Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

Bioaccumulative potential Bioaccumulation unlikely.

### 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)

Bioaccumulative potential Potentially bioaccumulable.

### 12.4. Mobility in soil

#### Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

Ecology - soil Miscible with water. Expected to be highly mobile in soil.

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### 12.5. Results of PBT and vPvB assessment

#### Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Sodium Lauroyl Methyl Isethionate (928663-45-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C12-18 acyl derivs., inner salts (1334422-9-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated



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### Air transport

Not regulated

### Inland waterway transport

Not regulated

### Rail transport

Not regulated

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level

# Dog Shampoo - Puppy Love / Derma Dog Sensitive Shampoo

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SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Abbreviations and acronyms:	
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
IATA	International Air Transport Association
	IBC Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IMO)
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
NOAEL	No-Observed Adverse Effect Level
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

# Safety Data Sheet to EU2020/878 and UK REACH regulations

Preparation date: 22 November 2021

Revision: 0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name Animology Fragrances - Puppy Powder  
Product code KH0903A

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

Identified uses Perfuming spray for dogs

### 1.3 Details of the supplier of the safety data sheet

Group55, Matrix Park, Western Avenue, Buckshaw Village, Chorley, PR7 7NB, UK

Tel: 01772 786864

Email: enquiries@group55.co.uk

### 1.4 Emergency telephone number

01772 786864 (not 24 hours)

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

### 2.2. Label elements

No hazard warning label required

### Supplemental information:

EUH208 "Contains Citronellol - May produce an allergic reaction."

### 2.3 Other hazards

The product does not meet the criteria for PBT or vPvB

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Information on hazardous substances

Chemical name	CAS-number	EC-number (Registration no)	Concentration % weight	Classification
Citronellol	106-22-9	203-375-0 (Reg: 01- 2119453995- 23)	0.19	Skin corr /irrit 2 [H315] Skin sens 1B [H317] Ser eye dam /eye irr 2 [H319]

See Section 16 for text of H phrases

#### Substances with community workplace exposure limits, not listed above:

Chemical name	CAS-number EC-number	Concentration
None		

# Safety Data Sheet to EU2020/878 and UK REACH regulations

Preparation date: 22 November 2021

Revision: 0

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## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice: Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt seek medical advice.

If inhaled: Inhalation is unlikely

In case of skin contact: Do NOT use solvents or thinners. Wash off with soap and water. If symptoms persist, call a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.

If swallowed: Do NOT induce vomiting. Rinse mouth with water. Get medical attention immediately.

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

No information available.

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

No information available.

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

This product is not flammable

Suitable extinguishing media: Foam, carbon dioxide, dry powder, water spray

Unsuitable extinguishing media: Full water jet

### 5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke containing hazardous combustion products

### 5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases

Use self-contained breathing apparatus and wear protective suit

Cool endangered containers with water spray jet.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

No special protective clothing.

### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

Small quantities (<5 litres 100ml) may be flushed to drains with plenty of water. *Large Spillages:* Pick up with vacuum or absorbent solid, e.g. sand, silica gel, sawdust, and store in closed container for disposal.

### 6.4. Reference to other sections

For personal protection, see section 8.

# Safety Data Sheet to EU2020/878 and UK REACH regulations

Preparation date: 22 November 2021

Revision: 0

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## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

No specific usage precautions noted.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in a dry, well-ventilated area. Keep in original container. Store away from oxidising material.

### 7.3. Specific end use(s)

Dog perfuming spray

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### UK workplace exposure limits (WELs) according to EH40 2<sup>nd</sup> edition (2011)

Substance	Concentration Weight %	8-hour (TWA)		15-minute (STEL)	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
none					

### 8.2. Exposure controls

Engineering measures not required

Personal protective equipment not required

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Clear water-thin liquid free of signs of contamination
Odour:	Pleasant perfume
pH:	6.5-7.5
Freezing point /Melting point:	About 0-10°C
Boiling point:	About 100°C
Flash point:	>100°C
Relative density:	1,00-1.04
Solubility in water:	Soluble in water
Viscosity:	not measured – water thin
Decomposition temperature:	>200°C (based on mixture component properties)

### 9.2 Other information

None

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

No particular stability concerns.

### 10.3. Possibility of hazardous reactions

Burning may product noxious and toxic fumes

## Safety Data Sheet to EU2020/878 and UK REACH regulations

Preparation date: 22 November 2021

Revision: 0

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

Materials To Avoid: Strong oxidising agents

### 10.6. Hazardous decomposition products

Heating at high temperatures may release carbon monoxide and nitrogen oxides (NOx)

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

No specific testing has been done on this product but judgements can be made based on the toxicological effects of the different components of the mixture.

Acute toxicity (oral):	LD50 (rat) >2000mg/kg based on information on the components
Skin irritation:	Not a skin irritant based on information on the components
Eye irritation:	Not an eye irritant based on information on the components
Corrosivity:	Not corrosive based on information on the components
Sensitisation:	Not a skin sensitiser based on information on the components
Repeat dose toxicity:	NOAEL (rat) >100mg/kg/day based on information on the components
Carcinogenicity:	Not carcinogenic based on information on the components
Mutagenicity:	Not mutagenic based on information on the components
Toxicity for reproduction:	Not toxic for reproduction based on information on the components

---

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.

### 12.1. Toxicity

We have not carried out any aquatic testing, therefore we have no data specifically for this product. But based on ecotoxicity information on the components the aquatic toxicity of the product is expected to be low.

### 12.2. Persistence and degradability

No biodegradability testing has been carried out

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

Not known.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6 Endocrine disrupting properties

None known

### 12.7. Other adverse effects

None known.

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## **Safety Data Sheet to EU2020/878 and UK REACH regulations**

Preparation date: 22 November 2021

Revision: 0

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

Refer to local and EC regulations concerning waste disposal. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

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### **SECTION 14: TRANSPORT INFORMATION**

This product is not classified for Transport.

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### **SECTION 15: REGULATORY INFORMATION**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or Mixture**

This safety data sheet has been prepared according to Regulation EU2020/878, which amends REACH Regulation EC1907/2006. This product has been classified according to Regulation EC No 1272/2008 (CLP).

#### **15.2 Chemical safety assessment**

Not required for this product

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### **SECTION 16: OTHER INFORMATION**

**References:** In-house databases, REACH dossiers, C&L Inventory, suppliers' safety data sheets

#### **Full text of H-statements referred to under sections 2 and 3**

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

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

#### 1.1. Product identifier

Product form	: Mixture
Product name	: Dog Sprays - Knot Sure / Dirty Dawg / Mucky Pup / Paws & Relax Aromatherapy / Puppy Fresh / Stink Bomb
Product code	: AKS250 / ADD250 / AMP250 / APR250 / APF250 / ASB250
Synonyms	: Knot Sure Spray / Dirty Dawg Spray / Mucky Pup Spray / Paws & Relax Aromatherapy Spray / Stink Bomb Spray

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

##### 1.2.1. Relevant identified uses

Intended for general public	
Main use category	: Consumer use
Use of the substance/mixture	: Shampoo for pets

##### 1.2.2. Uses advised against

Restrictions on use	: Use only for intended applications.
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#### 1.3. Details of the supplier of the safety data sheet

Group55  
Matrix Park  
Western Avenue Buckshaw Village  
PR7 7NB Chorley  
United Kingdom  
T +44 (0) 1772 781874  
[khorton@group55.co.uk](mailto:khorton@group55.co.uk)

#### 1.4. Emergency telephone number

Emergency number	: +44 (0) 1772 786864 (Monday to Friday, 09:00 to 17:00 UK)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

None under normal use.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

#### 2.3. Other hazards

Other hazards which do not result in classification	: None under normal conditions.
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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII  
Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII



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Component	
Glycerine (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Propylene glycol (57-55-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycerine substance with national workplace exposure limit(s) (GB)	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	1 – 5	Not classified
Propylene glycol substance with national workplace exposure limit(s) (GB)	CAS-No.: 57-55-6 EC-No.: 200-338-0 REACH-no: 01-2119456809-23	0 – 5	Not classified

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call a doctor.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. If symptoms persist call a doctor.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes. If symptoms persist call a doctor.
First-aid measures after ingestion	: If swallowed: rinse mouth. Do NOT induce vomiting. Drink plenty of water. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation	: None.
Symptoms/effects after skin contact	: None.
Symptoms/effects after eye contact	: None.
Symptoms/effects after ingestion	: None.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : The product is not flammable.  
Unsuitable extinguishing media : None.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None.  
Hazardous decomposition products in case of fire : None known.

#### 5.3. Advice for firefighters

Firefighting instructions : None.  
Protection during firefighting : Not applicable (aqueous non combustible product).

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

##### 6.1.1. For non-emergency personnel

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Not applicable.

##### 6.1.2. For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain or absorb spilled liquid with earth or other absorbent material. After cleaning, flush traces away with water. If spilled, may cause the floor to be slippery.

#### 6.4. Reference to other sections

SECTION 8. SECTION 11. SECTION 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep out of reach of children. Avoid contact with skin and eyes.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
Incompatible products : Keep away from food, drink and animal feedingstuffs.

#### 7.3. Specific end use(s)

Shampoo for pets.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

<b>Glycerine (56-81-5)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Glycerol
WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Propylene glycol (57-55-6)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Propane-1,2-diol
WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> particulates 474 mg/m <sup>3</sup> total vapour and particulates
WEL TWA (OEL TWA) [2]	150 ppm total vapour and particulates
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

<b>Glycerine (56-81-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - local effects, inhalation	56 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	229 mg/kg bodyweight/day
Long-term - local effects, inhalation	33 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.885 mg/l
PNEC aqua (marine water)	0.0885 mg/l
PNEC aqua (intermittent, freshwater)	8.85 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3.3 mg/kg dwt
PNEC sediment (marine water)	0.33 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.141 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1000 mg/l

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<b>Propylene glycol (57-55-6)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, inhalation	168 mg/m <sup>3</sup>
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, inhalation	50 mg/m <sup>3</sup>
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	260 mg/l
PNEC aqua (marine water)	26 mg/l
PNEC aqua (intermittent, freshwater)	183 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	572 mg/kg dwt
PNEC sediment (marine water)	57.2 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	50 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	20000 mg/l

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

None under normal use.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Not required for normal conditions of use

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Not required for normal conditions of use

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

No respiratory protection needed under normal use conditions

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Appearance	: Clear to slightly hazy liquid.
Odour	: Floral. Citrus fruits.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 100 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6.5 – 7.5
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 4000 – 8000 cP
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1000 – 1040
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

None under normal use.

#### 10.4. Conditions to avoid

Keep away from heat.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

##### Glycerine (56-81-5)

LD50 oral rat	27 mg/kg bodyweight Animal: rat, Animal sex: female
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##### Propylene glycol (57-55-6)

LD50 oral rat	22000 mg/kg bodyweight Animal: rat
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LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
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Skin corrosion/irritation : Not classified  
pH: 6.5 – 7.5  
Serious eye damage/irritation : Not classified  
pH: 6.5 – 7.5  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified

##### Propylene glycol (57-55-6)

NOAEL (subchronic, oral, animal/male, 90 days)	443 mg/kg bodyweight Animal: cat, Animal sex: male
--	--

Aspiration hazard : Not classified

#### 11.2. Information on other hazards

No additional information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

##### Glycerine (56-81-5)

LC50 - Fish [1]	54000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
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##### Propylene glycol (57-55-6)

LC50 - Fish [1]	51400 mg/l Test organisms (species): Pimephales promelas
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LC50 - Fish [2]	51600 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
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EC50 72h - Algae [1]	19300 mg/l Test organisms (species): Skeletonema costatum
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EC50 72h - Algae [2]	24200 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
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EC50 96h - Algae [1]	19100 mg/l Test organisms (species): Skeletonema costatum
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### Propylene glycol (57-55-6)

EC50 96h - Algae [2]	19000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
----------------------	--

### 12.2. Persistence and degradability

#### Dog Sprays - Knot Sure / Dirty Dawg / Mucky Pup / Paws & Relax Aromatherapy / Puppy Fresh / Stink Bomb

Persistence and degradability	Expected to be biodegradable.
-------------------------------	-------------------------------

### 12.3. Bioaccumulative potential

#### Dog Sprays - Knot Sure / Dirty Dawg / Mucky Pup / Paws & Relax Aromatherapy / Puppy Fresh / Stink Bomb

Bioaccumulative potential	Bioaccumulation unlikely.
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### 12.4. Mobility in soil

#### Dog Sprays - Knot Sure / Dirty Dawg / Mucky Pup / Paws & Relax Aromatherapy / Puppy Fresh / Stink Bomb

Ecology - soil	Miscible with water. Expected to be highly mobile in soil.
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### 12.5. Results of PBT and vPvB assessment

#### Dog Sprays - Knot Sure / Dirty Dawg / Mucky Pup / Paws & Relax Aromatherapy / Puppy Fresh / Stink Bomb

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Glycerine (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Propylene glycol (57-55-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	IATA	ADN	RID
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)



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### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Glycerine

Propylene glycol

## SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
IATA	International Air Transport Association
	IBC Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IMO)
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
NOAEL	No-Observed Adverse Effect Level
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.