

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

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	
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.

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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

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

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

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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

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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

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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

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

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12.5. Results of PBT and vPvB assessment

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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

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
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
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

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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.