

Safety Data Sheet to EU2020/878 and UK REACH regulations

Issue date: 31st July 2023

Version 1: 31st July 2023

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

1.1 Product identifier

Product name Animology Coat Conditioning Spray
Product code MP2502A

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

Identified uses Dog coat treatment spray

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)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture under Regulation EC1272/2008

Not a hazardous substance or mixture

2.2. Label elements

No hazard warning label required

2.3 Other hazards

The product does not meet the criteria for PBT or vPvB and does not contain any substances identified as having endocrine disruption properties at 0.1% or greater

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

Information on hazardous substances

Chemical name	CAS-number	EC-number (ECHA registration no.)	Concentration % weight	Classification	M-factor Acute toxicity estimate
Cetrimonium Chloride	112-02-7	203-928-6 (Reg: 01-2119970558-23)	0.24	Acute tox 4 (oral) [H302] Acute tox 3 (dermal) [H311] Skin corr /irrit 1C [H314] Ser eye dam /eye irr 1 [H318] EH acute 1 [H400] EH chronic 1 [H410]	M=1 (chronic) M=10 (acute) LD50 (oral, rat) = 699mg/kg
2-Bromo-2-Nitropropane-1,3-Diol	52-51-7	200-143-0 (Reg: 01-2119980938-15)	0.15	Acute tox 4 (oral) [H302] Acute tox 4 (dermal) [H312] Skin corr /irrit 2 [H315] Ser eye dam /eye irr 1	M=10 LD50 (oral, rat, female) = 193mg/kg

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				[H318] STO-SE 3 [H335] EH acute 1 [H400]	
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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		

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.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No special protective clothing.

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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) 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.

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 coat conditioning spray

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

UK workplace exposure limits (WELs) according to EH40 2nd edition (2011)

Substance	Concentration Weight %	8-hour (TWA)		15-minute (STEL)	
		ppm	mg/m ³	ppm	mg/m ³
Glycerol mist:	0.5		10		

8.2. Exposure controls

Engineering measures not required

Personal protective equipment not required

Environmental exposure controls not required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless
Odour:	Pleasant perfume
Freezing point /Melting point:	About 0-10°C
Boiling point:	About 100°C
Flammability:	Not flammable
Flash point:	Boils without flashing >100°C
Decomposition temperature:	>200°C (based on mixture component properties)
pH:	6.0-7.5
Kinematic viscosity:	Not measured – water thin
Solubility in water:	Soluble in water
Vapour pressure:	Not known
Relative density:	1.0

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9.2 Other information

None

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

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)

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

11.2 Information on other hazards

The mixture does not contain components considered to have endocrine disrupting properties

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

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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.

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.

SECTION 14: TRANSPORT INFORMATION

This product is not classified for Transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class

Not classified for transport

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

None

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

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).

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15.2 Chemical safety assessment

Not required for this product

SECTION 16: OTHER INFORMATION

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

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

H302 Harmful if swallowed

H311 Toxic in contact with skin

H314 Causes severe burns and eye damage

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects