

EC safety data sheet

Trade name: Anthrolan® N Hoof and Claw-Spray

Product no.: SA00082

Current version : 3.2.0, issued: 24.01.2017

Replaced version: 3.1.0, issued: 22.06.2015

Region: GB

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

1.1 Product identifier

Trade name

Anthrolan® N Hoof and Claw-Spray

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

Relevant identified uses of the substance or mixture

Claw and hoof care product

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

EW Nutrition GmbH
Hogenbögen 1
49429 Visbek

Telephone no. +49 (0)4445 98 68 - 0
Fax no. +49 (0)4445 98 68 - 119
e-mail info@ew-nutrition.com

Information provided by / telephone

+49 (0)421 5 72 92 - 0

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222
Aquatic Chronic 2; H411
Eye Irrit. 2; H319
Skin Irrit. 2; H315

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07



GHS09

Signal word

Danger

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Hazard statements

| | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|-----------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| P501 | Dispose of contents/container to a facility in accordance with local and national regulations. |

2.3 Other hazards

During and after use possible formation of combustible mixture with solvents.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Film-forming substance, oil containing care spray

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Hazardous ingredients

| No | Substance name | | Additional information | |
|----|--|---|------------------------|--------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration | % |
| 1 | Naphtha (petroleum), hydrotreated light | | | |
| | 64742-49-0 265-151-9 649-328-00-1 - | Asp. Tox. 1; H304 | > 30.00 - < 50.00 | %-b.w. |
| 2 | butane | | | |
| | 106-97-8 203-448-7 601-004-00-0 - | Flam. Gas 1; H220 Press. Gas | > 10.00 - < 30.00 | %-b.w. |
| 3 | propane | | | |
| | 74-98-6 200-827-9 601-003-00-5 - | Flam. Gas 1; H220 Press. Gas | > 10.00 - < 30.00 | %-b.w. |
| 4 | cyclohexane | | | |
| | 110-82-7 203-806-2 601-017-00-1 - | Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Asp. Tox. 1; H304 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 | > 5.00 - < 10.00 | %-b.w. |
| 5 | butan-1-ol | | | |
| | 71-36-3 200-751-6 603-004-00-6 - | Acute Tox. 4*; H302 Eye Dam. 1; H318 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335 STOT SE 3; H336 | > 1.00 - < 5.00 | %-b.w. |
| 6 | n-hexane | | | |
| | 110-54-3 203-777-6 601-037-00-0 - | Aquatic Chronic 2; H411 Asp. Tox. 1; H304 Flam. Liq. 2; H225 Repr. 2; H361f*** Skin Irrit. 2; H315 STOT RE 2*; H373** STOT SE 3; H336 | > 1.00 - < 5.00 | %-b.w. |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(* , ** , *** , ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|-------------------------------|------------------|--------------------|
| 2 | C, U | - | - | - |
| 3 | U | - | - | - |
| 6 | - | STOT RE 2; H373: C >= 5% | - | - |

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately.

After inhalation

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

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After skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Exposure to heat may cause bursting of the aerosol packagings.

5.3 Advice for firefighters

When extinguishing fires, use breathing apparatus with an independent source of air. Cool endangered containers with water in case of fire. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Comply with the health and safety at work laws.

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General protective and hygiene measures

Do not eat or drink during work - no smoking.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.

Recommended storage temperature

Value 10 - 30 °C

Requirements for storage rooms and vessels

Storage rooms must be properly ventilated.

Advice on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

| No | Substance name | CAS no. | EC no. |
|--|-----------------------------------|------------------------|-----------------------|
| 1 | butane | 106-97-8 | 203-448-7 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Butane | | | |
| | STEL | 1810 mg/m ³ | 750 ml/m ³ |
| | TWA | 1450 mg/m ³ | 600 ml/m ³ |
| 2 | propane | 74-98-6 | 200-827-9 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Propane | | | |
| 3 | cyclohexane | 110-82-7 | 203-806-2 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Cyclohexane | | | |
| | STEL | 1050 mg/m ³ | 300 ml/m ³ |
| | TWA | 350 mg/m ³ | 100 ml/m ³ |
| 2006/15/EG | | | |
| Cyclohexan | | | |
| | TWA | 700 mg/m ³ | 200 ml/m ³ |
| 4 | butan-1-ol | 71-36-3 | 200-751-6 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Butan-1-ol | | | |
| | STEL | 154 mg/m ³ | 50 ml/m ³ |
| | Skin resorption / sensibilisation | Sk | |
| 5 | n-hexane | 110-54-3 | 203-777-6 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| n-Hexane | | | |
| | TWA | 72 mg/m ³ | 20 ml/m ³ |
| 2006/15/EG | | | |
| n-Hexane | | | |
| | TWA | 72 mg/m ³ | 20 ml/m ³ |

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

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Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Use half-mask model with cartridge or air-fed.

Eye / face protection

Wear safety goggles to protect against solvent splashes.

Hand protection

For prolonged or repeated handling, use glove types like nitrile, neoprene or polyvinyl alcohol. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Other

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|------------|
| Form/Colour | |
| Aerosol | |
| black | |
| Odour | |
| solvent-like | |
| Odour threshold | |
| No data available | |
| pH value | |
| No data available | |
| Boiling point / boiling range | |
| No data available | |
| Melting point / melting range | |
| No data available | |
| Decomposition point / decomposition range | |
| No data available | |
| Flash point | |
| Value | < -20 °C |
| Auto-ignition temperature | |
| No data available | |
| Oxidising properties | |
| No data available | |
| Explosive properties | |
| No data available | |
| Flammability (solid, gas) | |
| No data available | |
| Lower flammability or explosive limits | |
| Value | 1.5 % vol |
| Upper flammability or explosive limits | |
| Value | 11.5 % vol |

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| | |
|---|---------------------|
| Vapour pressure | No data available |
| Vapour density | No data available |
| Evaporation rate | No data available |
| Relative density | No data available |
| Density | No data available |
| Solubility in water | Remarks insoluble |
| Solubility(ies) | No data available |
| Partition coefficient: n-octanol/water | No data available |
| Viscosity | No data available |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable if stored and handled properly.

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| Acute oral toxicity (result of the ATE calculation for the mixture) | |
|--|---|
| No | Product Name |
| 1 | Anthrolan® N Hoof and Claw-Spray |
| Remarks | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg). |

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| |
|----------------------------|
| Acute oral toxicity |
| No data available |

| |
|------------------------------|
| Acute dermal toxicity |
| No data available |

| |
|------------------------------------|
| Acute inhalational toxicity |
| No data available |

| |
|----------------------------------|
| Skin corrosion/irritation |
| No data available |

| |
|--------------------------------------|
| Serious eye damage/irritation |
| No data available |

| |
|--|
| Respiratory or skin sensitisation |
| No data available |

| |
|-------------------------------|
| Germ cell mutagenicity |
| No data available |

| |
|------------------------------|
| Reproduction toxicity |
| No data available |

| |
|------------------------|
| Carcinogenicity |
| No data available |

| |
|-----------------------------|
| STOT-single exposure |
| No data available |

| |
|-------------------------------|
| STOT-repeated exposure |
| No data available |

| |
|--------------------------|
| Aspiration hazard |
| No data available |

| |
|--|
| Delayed and immediate effects as well as chronic effects from short and long-term exposure |
| Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. |

| |
|---|
| Other information |
| The product was classified on the basis of the calculation procedure of the regulation (EC) No 1272/2008 (CLP). |

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SECTION 12: Ecological information

12.1 Toxicity

| Toxicity to fish (acute) |
|--------------------------|
| No data available |

| Toxicity to fish (chronic) |
|----------------------------|
| No data available |

| Toxicity to Daphnia (acute) |
|-----------------------------|
| No data available |

| Toxicity to Daphnia (chronic) |
|-------------------------------|
| No data available |

| Toxicity to algae (acute) |
|---------------------------|
| No data available |

| Toxicity to algae (chronic) |
|-----------------------------|
| No data available |

| Bacteria toxicity |
|-------------------|
| No data available |

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

| Other information |
|---|
| There are no data available on the preparation itself. For components which are dangerous for the environment see section 3. The product should not be allowed to enter drains or water courses. |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Hand over only completely emptied aerosol cans for valuable substance recovery!

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

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SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

| | |
|--|------------------------|
| Class | 2 |
| Classification code | 5F |
| UN number | UN1950 |
| Technical name | AEROSOLS |
| Tunnel restriction code | D |
| Label | 2.1 |
| Environmentally hazardous substance mark | Symbol "fish and tree" |

14.2 Transport IMDG

| | |
|----------------------------|--|
| Class | 2 |
| UN number | UN1950 |
| Proper shipping name | AEROSOLS |
| Danger releasing substance | cyclohexane |
| EmS | F-D+S-U |
| Label | 2.1 |
| Marine pollutant mark | Symbol "fish and tree" |
| Remarks | The outer packings (boxes or cartons) should comply with the Regulations of Packing Group II at least. |

14.3 Transport ICAO-TI / IATA

| | |
|----------------------|---|
| Class | 2.1 |
| UN number | UN1950 |
| Proper shipping name | Aerosols, flammable |
| Label | 2.1 |
| Remarks | The outer packings (boxes or cartons) should comply with the Regulations of Packing Group II (IATA-Regulation 5.2 PI203). |

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

| | |
|---|------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII. | No 3 |
|---|------|

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The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

| No | Substance name | CAS no. | EC no. | No |
|----|----------------|----------|-----------|----|
| 1 | cyclohexane | 110-82-7 | 203-806-2 | 57 |

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category: E2, P3a

If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|-------|---|
| H220 | Extremely flammable gas. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H361f | Suspected of damaging fertility. |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

| | |
|---|--|
| C | Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers. |
| U | When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. |

Department issuing safety data sheet

UMCO GmbH

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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