

Safety Data Sheet

according to Regulation (EC) Nr. 1907/2006 (REACH)

Print date: 28.02.2017

Revision number 3.2

Version date: 28.02.2017

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

1.1 Product identifier

· **Product name:** **MS Hoof Tar paste**

· **Product codes:** **1635, 16350, 16351, 16352**

REACH Reg.Nr.: 01-2119999006-29-XXXX

CAS-Nr.: 91722-33-7

EC-Nr.: 294-436-0

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

· **Identified uses of the substance or mixture**

Hunting supplies, animal care product (hoof and claw trimming), arboriculture (wound closure, grafting), shoe polish

· **Uses advised against**

Do not use for private purposes (household).

Do not use for applications in the food industry.

1.3 Details of the supplier of the safety data sheet

Albert Kerbl GmbH

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Tel.: 0049-(0)8086-933-100

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· **Responsible Department:**

Albert Kerbl GmbH

Tel.: 0049-(0)8086-933-104

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1.4 Emergency telephone number:

Gemeinsames Giftinformationszentrum der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen

c/o HELIOS Klinikum Erfurt Nordhäuser Straße 74

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2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) Nr. 1272/2008

Skin corrosion/irritation: Skin Irrit. 2 (H315)

Respiratory or skin sensitisation: Skin Sens. 1 (H317)

Serious eye damage/eye irritation: Eye Irrit. 2 (H319)

Hazardous to the aquatic environment: Aquatic Chronic 3 (H412)

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2.2 Label elements**Label elements according to Regulation (EC) Nr. 1272/2008 (CLP/GHS)**

Hazard pictograms



GHS07 - Exclamation mark

Signal word

Warning

Hazard statements

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P501 - Dispose of contents/container to waste disposal site in accordance with local/national regulations.

Others:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P321 - Specific treatment (see ... on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

2.3 Other hazards

· Flammable if heated

3 Composition/information on ingredients

Chemical Characterization: Substance

CAS: 91722-33-7

wood tar

100 %

EC-Nr. 294-436-0

Skin Irrit. 2 (H315), Skin Sens. 1B (H317)

REACH Reg. 01-2119999006-29 Eye Irrit. 2 (H319), Aquatic Chronic 3 (H412)

Additional information:

The wording of the listed risk phrases and hazard statements refer to section 16.

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4 First aid measures

4.1 Description of first aid measures

· **General information:**

First Aider: Pay attention to self-protection! In all cases of doubt or when symptoms persist, seek medical advice.

· **Inhalation:**

Provide fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical attention.

· **Skin contact:**

After contact with skin, wash immediately with: water and soap. Consult a doctor in case of skin irritation. If necessary, change contaminated clothing.

· **Eye contact:**

Remove contact lenses. If product gets into the eyes, rinse with plenty of water at least 5 minutes immediately. Rinse opened. Subsequently consult an ophthalmologist.

· **Ingestion:**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Pain. Lacrimation. Redness.
Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

5 Firefighting measures

5.1 Extinguishing media

Suitable methods of extinction - In the event of a fire, use: sprayed water or water mist, foam, multipurpose ABC powder, BC powder, carbon dioxide (CO₂)

Unsuitable methods of extinction - In the event of a fire, do not use: water jet

5.2 Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: Nitrogen oxides (NO_x). Carbon monoxide. Pyrolysis products, toxic

5.3 Advice for firefighters

Special protective equipment:

Wear self-contained breathing apparatus and chemical protective suit.

Further information

Extinguishing action should be appropriate to the surroundings. Cool endangered containers with water spray jet. Dispose fire residues and contaminated fire fighting water in accordance with official regulations.

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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Keep unprotected persons away. Keep people away and stay on the windward side. Keep ignition sources away.
Protective provisions (see chapter 7 and 8).

6.2 Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Soak up with absorbent material (sand, diatomite, acid binders, universal binders). In closed containers and collect for disposal. Clean contaminated surface thoroughly. Cleaning agent: Water. Ethanol. Ensure adequate ventilation.

6.4 Reference to other sections

Informationen regarding safe handling see chapter 7.
Informationen regarding personal protection see chapter 8.
Informationen regarding disposal see chapter 13.

7 Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed. Ensure adequate ventilation.
The usual precautions for handling chemicals should be followed.

Fire prevention:

Keep ignition sources away - Do not smoke.
Floors should be impermeable, fluid-resistant and easy to clean.

7.2 Conditions for safe storage, including any incompatibilities

Storage

· Requirements for storage rooms and vessels:

Store in a cool, dry place.
Storage temperature: 7-21 °C.

Information about storage in one common storage facility:

Store away from: oxidizing agents, strong alkalis (caustic solutions).

7.3 Specific end use(s)

Only for industrial and professional use.

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8 Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls / Personal protection

Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas. Keep away from foodstuffs, beverages and feed.

Eye / face protection

Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides in accordance with standard EN166. In the event of high danger, protect the face with a face shield. When spraying, wear a face shield in accordance with standard EN166. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours. Provide eyewash stations in facilities where the product is handled constantly.

Hand protection

Avoid contact with skin. Wash hands before breaks and at the end of work. Wear suitable protective gloves in the event of prolonged or repeated skin contact. Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation.

Type of gloves recommended :

NBR (nitrile rubber).

Penetration time (maximum wearing period): ≤ 6 h;

Thickness of the glove material: ≥ 0.11 mm

Recommended properties :

- Impervious gloves in accordance with standard EN374

Skin protection (other than of the hands)

Acid resistant protective clothing. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Respiratory protection

Do not inhale gases / fumes / aerosols. If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. Filtering half mask (DIN EN 149).

Thermal hazards

Flammable if heated.

Exposure controls regarding environmental protection

No data available.

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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **General Information**
- **Appearance:**
 - Form: pasty
 - Colour: dark brown
- **Odour:** smoke flavor
- **Smell Threshold:** not determined
- **pH:** not determined
- **Change of state**
 - Melting point/range: -32.9 bis -22.0 °C (OECD 102)
 - Boiling point/range: not determined
- **Flash point:** 92.5 °C (EU A.9)
- **Flammability (solid, gas):** not determined
- **Ignition temperature:** 440 °C (EU A.15)
- **Thermal decomposition:** 171.3 °C
- **Autoinflammability:** Product is not selfigniting
- **Explosion hazard:** Product does not present an explosion hazard
- **Explosion limits:**
 - Lower: not determined
 - Upper: not determined
- **Vapour pressure**
 - at 20 °C: 10.93 hPa (OECD 104)
 - at 25 °C: 14.34 hPa (OECD 104)
- **Density:** 1.2078 g/cm³ (OECD 109)
- **Bulk density** not determined
- **Vapour density** not applicable
- **Evaporation rate** not applicable
- **Solubility / miscibility**
 - Water: 0.044 – 0.569 g/l (at 20 °C, OECD 105)
- **Partition coefficient (n-Octanol/Water):** not determined
- **Viscosity:** not determined
- **Oxidising properties** not determined

9.2 Other information

No data available.

10 Stability and reactivity

- 10.1 Reactivity** No dangerous reactivity under normal ambient conditions.
- 10.2 Chemical stability** The product is stable under normal ambient conditions.
- 10.3 Possibility of hazardous reactions** No hazardous reactions expected when stored and handled according to prescribed instructions.
- 10.4 Conditions to avoid:** No further relevant information available
- 10.5 Incompatible materials:** Reactions with strong oxidising agents. Reactions with strong alkalies.
- 10.6 Hazardous decomposition products:** None, when used as intended.

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11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Based on available data, the classification criteria are not met.

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Oral LD-50 >2000 mg/kg (Rat, OECD 423)

Skin corrosion/irritation:

Causes skin irritation. In vitro experiment (EPISKIN model) shows an irritant effect (Skin Irrit. 2).

Eye damage/irritation:

Causes serious eye irritation. When skin irritants, also eye irritation (Category 2) can be assumed (CLP Regulation Annex I, 3.3.2.3).

Sensitisation, respiratory or skin:

May cause an allergic skin reaction.

Carcinogenicity, germ cell mutagenicity, reproductive toxicity (CMR):

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT), single/repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Additional toxicological information:

No further relevant information available.

12 Ecological information

12.1 Toxicity

Aquatic Toxicity

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Acute toxicity, algae ErC50 17 mg/l 72 h, Desmodesmus dubspicatus, OECD 201 / EU C.3

Acute toxicity, crustacea EC50 28 mg/l 48 h, Daphnia magna STRAUS, OECD 201 / EU C.3

Toxicity, algae NOEC 3 mg/l 6 d, Desmodesmus dubspicatus, OECD 201 / EU C.3

Toxicity, crustacea NOEC 20 mg/l 2 d, Daphnia magna STRAUS, OECD 202 / EU C.2

12.2 Persistence and degradability

Not biodegradable.

12.3 Bioaccumulative potential

Partition coefficient n-octanol / water

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Log Pow <0.3 – 2.022

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The product does not meet the PBT or vPvB criteria in Annex XIII of REACH..

12.6 Other adverse effects

No data available.

Additional information

Prevent any material from entering drains or waterways.

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13 Disposal considerations

13.1 Waste treatment methods

Must not be disposed together with household garbage. Do not allow product to reach sewage system. After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Disposal of the product / packaging

Waste codes / waste designations according to EWC

The allocation of waste identity numbers / waste descriptions must be carried out specific to industry / process in cooperation with disposal firm / producing firm / official authority.

Additional information

Contaminated packages must be completely emptied and can be reused after proper cleaning.

14 Transport information

- | | |
|--|---|
| 14.1 UN number | Not classified as dangerous good according to transport regulations |
| 14.2 UN proper shipping name | none |
| 14.3 Transport hazard class(es) | none |
| 14.4 Packing group | none |
| 14.5 Environmental hazards | none |
| 14.6 Special precautions for user | none |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |

15 Regulatory information

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

EU-Regulations

none

National Regulations

Germany: Wassergefährdungsklasse (WGK)

slightly hazardous to water (WGK 1), Classification according to VwVwS

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16 Other information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Revision notes

* Changes since the last version

Abbreviations

WGK : Wassergefährdungsklasse (Water Hazard Class).

Title for H, EUH and R indications (Number and text)

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.