

MSDS MATERIAL SAFETY DATA SHEET		0.1 Product	Hoefteer Excellent
		0.2 Status	Active
		0.3 Version	2
		0.4 Version date	25-01-2023
1. Identification of the product and of the company			
1.1	<u>Product identification</u>		
Product name		Hoefteer Excellent	
Trade name		Hoefteer Excellent / Hoof Tar Excellent / Hufteer Excellent	
Article code		HOET01000	
Chemical description		Substance	
UFI		-	
REACH registration number		01-2119999006-29-XXXX	
1.2	<u>Relevant identified uses of the substance or mixture and uses advised against</u>		
Identified use(s)		Pet care product (hoof and claw care).	
Use(s) advised against		Do not use for private purposes (household). Do not use for applications in the food industry.	
1.3	<u>Details of the supplier of the safety data sheet</u>		
Company identification		Name	Holland Animal Care B.V.
Contact		Address	De Leemkoele 2
		Zip code	7468 DM
		Town	Enter
		Country	The Netherlands
		Telephone	+31-(0)548-545520
		E-mail	info@hollandanimalcare.nl
		Website	www.hollandanimalcare.nl
1.4	<u>Emergency telephone number</u>		
Emergency telephone number		The Netherlands : National Poisoning Information Center - Bilthoven TEL: +31(0)30/274.88.88 Belgium : Antipoison Center - Brussels TEL: +32(0)70/245.245 (Only for the purpose of informing medical personnel in cases of acute intoxications)	

2. Hazards identification											
2.1	Classification of the substance or mixture Classification according to Regulation (EC) no. 1272/2008: Skin Irrit. 2; Skin corrosion/irritation, category 2; H315 Eye Irrit. 2; Serious eye damage/eye irritation, category 2; H319 Skin Sens. 1B; Respiratory/skin sensitization, category 1B; H317 Aquatic Chronic 3; Hazardous to the aquatic environment, category 3; H412 The full text of the (EU)H-statements can be found in section 16.										
2.2	Label elements Labelling according to Regulation (EC) no. 1272/2008: <table border="1"> <tr> <td>Hazardous component(s)</td><td>Tar, wood</td></tr> <tr> <td>Hazard pictogram(s)</td><td></td></tr> <tr> <td>Signal word</td><td>Warning</td></tr> <tr> <td>Hazard statements</td><td> 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. </td></tr> <tr> <td> Precautionary measures - Prevention - Respons - Disposal </td><td> 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/hearing protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P501 Dispose of contents/container in accordance with national disposal regulations. </td></tr> </table>	Hazardous component(s)	Tar, wood	Hazard pictogram(s)		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 measures - Prevention - Respons - Disposal	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/hearing protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P501 Dispose of contents/container in accordance with national disposal regulations.
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3. Composition/information on ingredients							
3.1	<u>Substances</u>		Tar, wood.				
Name component(s)		weight %	CAS no.	EINECS no.	Index no.	Reach no.	Classification
Tar, wood		100	91722-33-7	294-436-0	-	01-2119999006-29-XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 3; H412
The full text of the (EU)H-statements can be found in section 16.							
SCL, M-factor and ATE							
Name component(s)			CAS no.		SCL, M-factor, ATE		
Tar, wood			91722-33-7		Oral: LD50 = >2000 mg/kg		
3.2	<u>Mixtures</u>		Not relevant (substance).				
4. First aid measures							
4.1	<u>Description of first aid measures</u>						
General			First aider: Pay attention to self-protection! When in doubt or if symptoms are observed, get medical advice.				
First aid measures in case of inhalation			Provide fresh air.In case of respiratory irritation, dizziness, nausea or unconsciousness, immediately get medical attention.				
First aid measures in case of skin contact			After contact with skin, wash immediately with: Water and soap. In case of skin irritation, seek medical treatment. If necessary, change contaminated clothing.				
First aid measures in case of eye contact			Remove contact lenses. If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.				
First aid measures in case of ingestion			Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.				
4.2	<u>Most important symptoms and effects, both acute and delayed</u>						
Causes serious eye irritation. Pain. Tears flow. Redness. Causes skin irritation.							
4.3	<u>Indication of any immediate medical attention and special treatment needed</u>						
Treat symptomatically.							
5. Firefighting measures							
5.1	<u>Extinguishing media</u>						
Suitable extinguishing media			Water spray. Foam. Extinguishing powder. Carbon dioxide (CO2).				
Unsuitable extinguishing media			High power water jet.				

5.2	<u>Special hazards arising from the substance or mixture</u>	
Special exposure hazards	In case of fire may be liberated: Nitrogen oxides (NOx). Carbon monoxide Pyrolysis products, toxic.	
5.3	<u>Advice for firefighters</u>	
Special protective equipment	Wear a self-contained breathing apparatus and chemical protective clothing.	
Special procedures	Co-ordinate fire-fighting measures to the fire surroundings.	
6.	Accidental release measures	
6.1	<u>Personal precautions, protective equipment and emergency procedures</u>	
Personal precautions	<i>For non-emergency personnel:</i> Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment. <i>For emergency responders:</i> There is no information available.	
6.2	<u>Environmental precautions</u>	
Environmental precautions	Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.	
6.3	<u>Methods and material for containment and cleaning up</u>	
Methods for cleaning up	Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal. Clear contaminated areas thoroughly. Cleaning agent: water, ethanol.	
6.4	<u>Reference to other sections</u>	
Handling and storage	See section 7.	
Personal protection	See section 8.	
Removal of the waste product	See section 13.	
7.	Handling and storage	
7.1	<u>Precautions for safe handling</u>	
Handling	<i>Advice on safe handling:</i> Keep container tightly closed. Provide adequate ventilation. Consider the usual precautions for handling chemicals. <i>Advice on general occupational hygiene:</i> Consider the usual precautions for handling chemicals. Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.	
7.2	<u>Conditions for safe storage, including any incompatibilities</u>	
Storage	Store in a cool dry place. Storage temperature: 7-21°C. Materials to avoid: oxidizing agents, strong alkali.	
Protection against fire and explosion	Keep away from sources of ignition - No smoking. Floors should be impervious, resistant to liquids and easy to clean.	
Packaging material	There is no information available.	

Unsuitable packaging material		There is no information available.
7.3	<u>Specific end use(s)</u>	
Pet care product (hoof and claw care).		
8. Exposure controls/personal protection		
8.1	<u>Control parameters</u>	
Occupational exposure limits		To date, no national critical limit values exist.
Biological limit values		To date, no national critical limit values exist.
DNELs		To date, no national critical limit values exist.
PNECs		To date, no national critical limit values exist.
8.2	<u>Exposure controls</u>	
Engineering measures		Provide adequate ventilation. Provide protection equipment (eye wash bottles, etc.).
Personal protection equipment		
Eye / face protection		Tightly sealed safety glasses.
Skin protection		Protective clothing.
Hand protection		When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber). penetration time (maximum wearing period): <=6h. Thickness of glove material: >=0,11mm.
Respiratory protection		If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Filtering half-face mask (DIN EN 149).
Thermal hazards		There is no information available.
Environmental exposure controls		There is no information available.
9. Physical and chemical properties		
9.1	<u>Information on basic physical and chemical properties</u>	
Physical state		Viscous.
Colour		Dark brown.
Odour		Smoke odour.
Melting / freezing point		-32.9 up to -22 °C (OECD 102).
Boiling point / range (1013 hPa)		Not available.
Flammability		Not available.

Explosion limits	Lower explosion limit: not available. Upper explosion limit: not available.
Flash point	92.5 °C (EU A.9).
Auto-ignition temperature	440 °C (EU A.15).
Decomposition temperature	171.3 °C.
pH	Not available.
Kinematic viscosity	Not available.
Solubility	0.044 – 0.569 g/L in water at 20 °C.
Partition coefficient n-octanol/water	< 0.3 – 2.022 (OECD (TG) 117).
Vapour pressure	At 20 °C: 10.93 hPa (OECD 104). At 25 °C: 14.34 hPa (OECD 104).
Density or relative density	Not available.
Relative vapour density	1.19 – 1.30 g/cm ³ at 20 °C.
Particle characteristics	Not available.
9.2	<u>Other information</u>
Other information	No further relevant information available.
10. Stability and reactivity	
10.1	<u>Reactivity</u>
Reactivity	No dangerous reactivity under regular conditions.
10.2	<u>Chemical stability</u>
Stability	The product is stable under regular conditions.
10.3	<u>Possibility of hazardous reactions</u>
Hazardous reactions	No dangerous reactions to be expected if used properly.
10.4	<u>Conditions to avoid</u>
Conditions to avoid	There is no information available.
10.5	<u>Incompatible materials</u>
Materials to avoid	Oxidizing agents and alkalis, concentrated.
10.6	<u>Hazardous decomposition products</u>
Hazardous decomposition products	When used properly no hazardous products of decomposition are expected. In case of fire may be liberated: Nitrogen oxides (NO _x). Carbon monoxide Pyrolysis products, toxic.

11. Toxicological information

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

Acute toxicity

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

Cas no.	Name of substance	Route of exposure	Dosis	Species	Source	Methode
91722-33-7	Tar, wood	Oral	LD50 > 2000 mg/kg	Rat	OECD 423	-

Skin corrosion / irritation	Causes skin irritation. The in vitro experiment (EPISKIN model) reveals, that the product is an irritant (Skin Irrit. 2).
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction. (tar, wood).
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity – single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity – repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Other hazards	No further relevant information available.
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12. Ecological information

12.1 Toxicity

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Cas no.	Name of substance	Aquatic toxicity	Dosis	h/d	Species	Source
91722-33-7	Tar, wood	Acute fish toxicity	LC50 = 45 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203 / EU C.1
		Acute algae toxicity	ErC50 = 17 mg/l	72 h	Desmodesmus dubspicatus	OECD 201 / EU C.3
		Acute crustacea toxicity	EC50 = 28 mg/l	48 h	Daphnia magna STRAUS	OECD 201 / EU C.3

12.2 Persistence and degradability

Persistence and degradability

Not biodegradable.

Cas no.	Name of substance	Methode	d	Value	Assessment
91722-33-7	91722-33-7	OECD 301B / EU C.4-C	10	60 %	Not biodegradable.

12.3	<u>Bioaccumulation</u>			
Bioaccumulation				
There is no information available.				
Cas no.	Name of substance	Log Pow	BCF	Species
91722-33-7	91722-33-7	< 0,3 - 2,022	-	-
12.4	<u>Mobility in soil</u>			
Mobility		There is no information available.		
12.5	<u>Results of PBT and vPvB assesment</u>			
Evaluation		The product does not meet the PBT or vPvB criteria in Annex XIII of the REACH Regulation.		
12.6	<u>Endocrine disrupting properties</u>			
Endocrine disrupting potential		This product does not contain a substance that has endocrine disrupting properties with respect to nontarget organisms as no component meets the criteria.		
12.7	<u>Other adverse effects</u>			
Other adverse effects		No further relevant information available.		
13. Disposal considerations				
13.1	<u>Waste treatment methods</u>			
Waste from residues / unused products		Content/container must be handed in at a certified special waste collection point. Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.		
European list of waste products		According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.		
Removal of contaminated packaging		Handle contaminated packages in the same way as the substance itself.		
14. Transport information				
14.1	<u>UN-number</u>			
UN-number		No dangerous good according to ADR/RID/ADN/IMDG/ICAO-IATA regulations.		
14.2	<u>UN proper shipping name</u>			
ADR/RID/ADN name		No dangerous good according to ADR/RID/ADN regulations.		
IMDG name		No dangerous good according to IMDG regulations.		
ICAO-IATA name		No dangerous good according to ICAO-IATA regulations.		
14.3	<u>Transport hazard class(es)</u>			
Class		Not applicable.		
14.4	<u>Packing group</u>			
Packing group		Not applicable.		

14.5	<u>Environmental hazards</u>
Environmentally hazard	No.
Marine pollutant	There is no information available.
14.6	<u>Special precautions for user</u>
No special precautions known.	
14.7	<u>Maritime transport in bulk according to IMO instruments</u>
Not applicable.	
15.	Regulatory information
15.1	<u>Safety, health and environmental regulations/legislation specific for the substance or mixture</u>
Relevant EU rule(s)	<i>Restrictions on use (REACH, annex XVII):</i> Entry 3. <i>Regulation (EC) No. 648/2004 on detergents:</i> Not applicable. <i>Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer:</i> Not applicable. <i>Regulation (EC) No 2019/1021 on persistent organic pollutants:</i> Not applicable. <i>Regulation (EC) No 649/2012 concerning the export and import of hazardous chemicals:</i> This product contains no chemicals that are subject to the export notification procedures (annex 1). <i>This product contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH:</i> None. <i>This product contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH:</i> None.
National regulations	Observe restrictions to employment for juveniles according to guideline 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive 92/85/EEC for improvements in safety and health for pregnant workers, workers who have recently given birth or are breastfeeding. Observe employment restrictions for women of child-bearing age. <i>Water hazard class (Germany):</i> WGK 1 - slightly hazardous to water.
15.2	<u>Chemical Safety Assessment</u>
For this substance a chemical safety assessment has not been carried out.	
16.	Other information
Indication of changes (revised safety data sheet)	Alignment to regulation. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU. Restructuring and revising sections 1 to 15.
Sources of used key data	This information is based on the currently available information (Producer(s)). See also the website: https://echa.europa.eu/information-on-chemicals/registered-substances

(EU)H-statement(s)	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.
Classification procedure	There is no information available.
List of 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. ADR/RID/ADN: Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways. Aquatic Chronic: Hazardous to the aquatic environment – chronic hazard. Acute Tox.: Acute toxicity. BCF: Bio-concentration factor. CAS: Chemical Abstracts Service. CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. DGR: Dangerous Goods Regulations. DNEL: Derived No Effect Level. DMEL: Derived Minimal Effect Level. EC-No.: The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union). EINECS: European Inventory of Existing Commercial Chemical Substances. ELINCS: European List of Notified Chemical Substances. EC50: Effective Concentration 50%. ErC50: Effective Concentration 50%, growth rate. Eye Irrit.: Serious eye irritation. GHS: Globally Harmonized System of Classification and Labelling of Chemicals. IATA: International Air Transport Association (provisions concerning the international carriage of dangerous goods by air). IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA). ICAO: International Civil Aviation Organization. ICAO-TI: Technical instructions for the safe transport of dangerous goods by air. IMDG: International Maritime Dangerous Goods Code. LC50: Lethal Concentration to 50 % of a test population. Log Pow: Partition coefficient n-octanol/water. M-factor: Multiplication factor. OECD: Organisation for Economic Cooperation and Development. PBT: Persistent, Bioaccumulative and Toxic substance. 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. SCL: Specific concentration limit. Skin Irrit.: Skin irritation. Skin Sens.: Skin sensitization. SVHC: Substances of Very High Concern. vPvB: Very Persistent and Very Bioaccumulative.

This information is to our knowledge correct and complete on the date of issue of this safety data sheet. The information only concerns the product and does not give any guarantee for the quality and the completeness of the properties of the product, or in case of mixing or using in any other process. It remains the responsibility of the user to assure himself that the information is suitable and complete concerning the special use he makes of the product.

Holland Animal Care B.V. denies all responsibility for loss or damage resulting from the use of these data.