Safety Data Sheet

220402 KRUUSE Hoof-Gel w. Salicylic acid 38%

Issued: 22/05/2024
Version: 1.0.0

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

1.1. Product identifier

Trade name: 220402 KRUUSE Hoof-Gel w. Salicylic acid 38%

UFI: M500-C029-G007-DGT3

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

Recommended uses: Veterinary use.

1.3. Details of the supplier of the safety data sheet

Supplier

Company:	Jørgen Kruuse A/S
Address:	Havretoften 4
Zip code:	5550
City:	Langeskov
Country:	DENMARK
Email:	Export@kruuse.com
Phone:	+4572141414
Homepage:	www.kruuse.com

1.4. Emergency Telephone Number

Tel: +45 72141414 (Jørgen Kruuse A/S)
The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification:
Flam. Liq. 3;H226
Acute Tox. 4;H302
Eye Dam. 1;H318
Repr. 2;H361d

Most serious harmful effects: Flammable liquid and vapour. Harmful if swallowed. Causes serious eye damage. Suspected of damaging the unborn child. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: salicylic acid;

Hazard Statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H361d	Suspected of damaging the unborn child.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338+310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
salicylic acid	69-72-7 200-712-3 01-2119486984-17	25 - 40 %		Acute Tox. 4;H302 Eye Dam. 1;H318 Repr. 2;H361d
ethanol	64-17-5 200-578-6 01-2120063206-63	15 - 25 %		Flam. Liq. 2;H225
propan-2-ol	67-63-0 200-661-7 01-2119457558-25	1 - 3 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

Skin contact: Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.

Eye contact: Open eye wide, remove any contact lenses and flush immediately with water (preferably

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	using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
General:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

Harmful if swallowed. Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight. Suspected of damaging the unborn child. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

4.3. Indication of any immediate medical attention and special treatment needed

No special immediate treatment required. Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stay upwind/keep distance from source. Wear gloves. Wear safety goggles. Smoking and naked flames prohibited. Stop leak if this can be done without risk.
For emergency responders:	In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Work under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. A safety shower must be available. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited. A risk assessment must ensure that employees are not exposed to effects which might pose a risk by

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pregnancy or breastfeeding.

7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Store in a dry area. Keep in tightly closed original packaging. Do not store with the following: Strong acids/ Strong alkalis/ Strong oxidisers/ Strong reducing agents. Do not expose to heat (e.g. sunlight).

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements.

Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2024/869/EU. Directive 2009/148/EC (Exposure to asbestos at work) as subsequently amended. Last amended by Directive 2023/2668/EU.

PNEC

salicylic acid, cas-no 69-72-7				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	200 µg/l			
PNEC sediment (freshwater)	1,42 mg/kg			
PNEC aqua (marine water)	20 µg/l			
PNEC aqua (intermittent releases (fresh water))	1 mg/l			
PNEC STP (wastewater-treatment facilities)	162 mg/l			
PNEC soil	166 µg/kg dw			
PNEC sediment (marine water)	142 µg/kg dw			

ethanol, cas-no 64-17-5				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	960 µg/l			
PNEC sediment (freshwater)	3,6 mg/kg			
PNEC aqua (marine water)	790 µg/l			
PNEC sediment (marine water)	2,9 mg/kg			
PNEC aqua (intermittent releases (fresh water))	2,75 mg/l			
PNEC STP (wastewater-treatment facilities)	580 mg/l			
PNEC soil	630 µg/kg dw			

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propan-2-ol, cas-no 67-63-0

Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	140,9 mg/l			
PNEC sediment (freshwater)	552 mg/kg			
PNEC aqua (marine water)	140,9 mg/l			
PNEC sediment (marine water)	552 mg/kg			
PNEC soil	28 mg/kg			
PNEC aqua (intermittent releases (fresh water))	140,9 mg/l			
PNEC STP (wastewater-treatment facilities)	2251 g/l			

DNEL - workers

salicylic acid, cas-no 69-72-7

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	2,3 mg/kg bw/day				
Inhalation DNEL (long-term exposure - local effects)	5 mg/m³				
Inhalation DNEL (long-term exposure - systemic effects)	5 mg/m³				

ethanol, cas-no 64-17-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	343 mg/kg bw/day				
Inhalation DNEL (acute/short-term exposure - local effects)	1900 mg/m³				
Inhalation DNEL (long-term exposure - systemic effects)	950 mg/m³				

propan-2-ol, cas-no 67-63-0

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	888 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	500 mg/m³				

DNEL - general population

salicylic acid, cas-no 69-72-7

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	1 mg/kg bw/day				

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Inhalation DNEL (long-term exposure - systemic effects)	4 mg/m³				
Oral DNEL (acute/short-term exposure - systemic effects)	4 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	1 mg/kg bw/day				

ethanol, cas-no 64-17-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	206 mg/kg bw/day				
Inhalation DNEL (acute/short-term exposure - local effects)	950 mg/m³				
Inhalation DNEL (long-term exposure - systemic effects)	114 mg/m³				
Oral DNEL (long-term exposure - systemic effects)	87 mg/kg bw/day				

propan-2-ol, cas-no 67-63-0

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	319 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	89 mg/m³				
Oral DNEL (long-term exposure - systemic effects)	26 mg/kg bw/day				

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles. Eye protection must conform to EN 166/16321.

Personal protective equipment, hand protection: Wear gloves. Type of material and thickness: Nitrile rubber/ 0,3 mm. Penetration time: >240 min. Gloves must conform to EN 374.
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Parameter	Value/unit
Physical state	Gel.
Colour	White
Odour	Characteristic
Solubility	Soluble in the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	No data	
Flammability	No data	
Flammability limits	No data	
Lower and upper explosion limit	No data	
Flash Point	23 - 60 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	2.5	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	No data	
Density	1.1 g/cm³	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong acids/ Strong alkalis/ Strong oxidisers/ Strong reducing agents.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong acids/ Strong alkalis/ Strong oxidisers/ Strong reducing agents.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be

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released.

SECTION 11: Toxicological information

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

Acute toxicity - oral:	Harmful if swallowed.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	Suspected of damaging the unborn child.
Single STOT exposure:	The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties:	None known.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

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The 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

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste:	EWC code: Depends on line of business and use, for instance 16 03 05* organic wastes containing hazardous substances Absorbent/cloth contaminated with the product: EWC code: 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	1987	**14.4. Packing group:**	III
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (ethanol)	**14.5. Environmental hazards:**	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Hazard identification number:	30	**Tunnel restriction code:**	D/E

Inland water ways transport (ADN)

14.1. UN number or ID number:	1987	**14.4. Packing group:**	III
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (ethanol)	**14.5. Environmental hazards:**	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN number or ID number:	1987	**14.4. Packing group:**	III
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (ethanol)	**14.5. Environmental hazards:**	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	3	**Environmental Hazardous Substance Name(s):**	
Hazard label(s):	3		
EmS:	F-E, S-D	**IMDG Code segregation group:**	- None -

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Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number:	1987	**14.4. Packing group:**	III
14.2. UN proper shipping name:	ALCOHOLS, N.O.S. (ethanol)	**14.5. Environmental hazards:**	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		

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

Special Provisions:

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.
Directive 2012/18/EU (Seveso), P5c FLAMMABLE LIQUIDS: Column 2: 5000 t, Column 3: 50000 t.

Covered by:
Council Directive (EC) on the protection of young people at work.
Council Directive (EC) on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119457558-25	propan-2-ol
01-2119486984-17	salicylic acid
01-2120063206-63	ethanol

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	03/06/2024	Bureau Veritas HSE/LJO	-

Abbreviations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration

Other Information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

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Classification method: Calculation based on the hazards of the known components.

Hazard statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.

SDS is prepared by

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