SAFETY DATA SHEET

KRUUSE Salicylsyre

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

1.1. Product identifier

Trade name	KRUUSE Salicylsyre
Product no.	310432
REACH registration number	01-2119486984-17-XXXX
Other means of identification	EC No.: 200-712-3 CAS No.: 69-72-7
Unique formula identifier (UFI)	4J60-V0QC-P00F-38EQ

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

Relevant identified uses of the substance or mixture	Specialty products. Restricted to professional users.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Company and address	**Jørgen Kruuse A/S** Havretoften 4 5550 Langeskov Denmark
E-mail	kruuse.danmark@kruuse.com
Revision	15/10/2025
SDS Version	1.0

1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)
See section 4 “First aid measures”.

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Acute Tox. 4; H302, Harmful if swallowed.
Eye Dam. 1; H318, Causes serious eye damage.
Repr. 2; H361d, Suspected of damaging the unborn child.

The informations stated in this MSDS, applies for the concentrated product.

2.2. Label elements

Hazard pictogram(s)



Signal word	Danger
Hazard statement(s)	Harmful if swallowed. (H302) Causes serious eye damage. (H318) Suspected of damaging the unborn child. (H361d)

Precautionary statement(s)

General	Not applicable.
Prevention	Wear eye protection. (P280)

Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) Immediately call a POISON CENTER/doctor. (P310)
Storage	Not applicable.
Disposal	Not applicable.
Hazardous substances	Salicylic acid
Additional labelling	
	UFI: 4J60-V0QC-P00F-38EQ

2.3. Other hazards

Additional warnings	This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Product/substance	Identifiers	% w/w	Classification	Note
Salicylic acid	CAS No.: 69-72-7 EC No.: 200-712-3 REACH: 01-2119486984-17-XXXX Index No.:	100 %	Acute Tox. 4, H302 Eye Dam. 1, H318 Repr. 2, H361d	

3.2. Mixtures

Not applicable. This product is a substance.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information	In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
Inhalation	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
Skin contact	Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.
Eye contact	If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.
Ingestion	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
Burns	Not applicable.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

High amounts of dust can cause coughing and general irritation of the respiratory airways.

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

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Powder trickling out onto the floor or onto other containers must be prevented.

Shelf-life: 36 months.

Recommended storage material	Always store in containers of the same material as the original container.
Storage conditions	0 - 20 °C
Incompatible materials	Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

Salicylic acid

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	5 mg/m³
Long term – Systemic effects - Workers	Dermal	2,3 mg/kg
Long term – Local effects - Workers	Inhalation	5 mg/m³

PNEC

Salicylic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,2 ml/l
Marine water		0,02 mg/l
Sewage treatment plant		162 mg/l
Soil		0,166 mg/kg

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations	Smoking, drinking and consumption of food is not allowed in the work area.
Exposure scenarios	There are no exposure scenarios implemented for this product.
Exposure limits	Occupational exposure limits have not been defined for the substances in this product.
Appropriate technical measures	Do not recirculate outlet air that contain the substances. Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Ensure that eyewash stations and safety showers are located within easy reach. Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.
Hygiene measures	In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.
Measures to avoid environmental exposure	Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally: Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards	
In case of inadequate ventilation: Use respiratory equipment with particle filter, type P2.			EN143/EN149	

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Use protective gloves made of: Butyl rubber. ≥ 0,4 mm Neoprene. ≥ 0,5 mm Nitrile. ≥ 0,7 mm EN 374.	≥ 0,4 - 0,7	≥ 480	EN374



Eye protection

Type	Standards
In the likelihood of direct or incidental exposure, use face protection.	EN166



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	White
Odour / Odour threshold	No data available.
pH	-
pH in solution	3,6 (0,18%)
Density (g/cm^3)	~1,45
Kinematic viscosity	Does not apply to solids.
Particle characteristics	No data available

Phase changes

Melting point/Freezing point (°C)	No data available.
Softening point/range (°C)	Does not apply to solids.
Boiling point (°C)	Does not apply to solids.
Vapour pressure	No data available.
Relative vapour density	Does not apply to solids.
Decomposition temperature (°C)	No data available.

Data on fire and explosion hazards

Flash point (°C)	157
Flammability (°C)	No data available.
Auto-ignition temperature (°C)	490
Lower and upper explosion limit (% v/v)	Does not apply to solids.

Solubility

Solubility in water	1,8 g/L
n-octanol/water coefficient (LogKow)	No data available.
Solubility in fat (g/L)	No data available.

9.2. Other information

VOC (g/L)	0
Other physical and chemical parameters	No data available.
Oxidizing properties	Opfylder ikke kriterierne for brandnærende (oxiderende)

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions
Liberates toxic gases when mixed with chlorine containing products

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Product/substance	Salicylic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	891 mg/kg

Product/substance	Salicylic acid
Species:	Rat
Route of exposure:	Dermal
Test:	LC50
Result:	> 2000 mg/kg

Harmful if swallowed.

Skin corrosion/irritation
Based on available data for the mixture, the classification criteria are not met.

Serious eye damage/irritation
Causes serious eye damage.

Respiratory sensitisation
Based on available data for the mixture, the classification criteria are not met.

Skin sensitisation
Based on available data for the mixture, the classification criteria are not met.

Germ cell mutagenicity
Based on available data for the mixture, the classification criteria are not met.

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

Reproductive toxicity
Suspected of damaging the unborn child.

STOT-single exposure
Based on available data for the mixture, the classification criteria are not met.

STOT-repeated exposure
Based on available data for the mixture, the classification criteria are not met.

Aspiration hazard

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

11.2. Information on other hazards

Long term effects

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.
The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Salicylic acid
Species:	Fish
Duration:	No data available.
Test:	LC50
Result:	1,38 g/l

Product/substance	Salicylic acid
Species:	Crustacean
Duration:	No data available.
Test:	EC50
Result:	870 mg/l

Based on available data for the mixture, the classification criteria are not met.
Not classified as dangerous to the environment.

12.2. Persistence and degradability

The product is easily biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
HP 4 - Irritant (skin irritation and eye damage)
HP 6 - Acute toxicity
HP 10 – Toxic for reproduction
Dispose of contents/container to an approved waste disposal plant.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code	20 01 14*	Acids

Specific labelling
Not applicable.

Contaminated packing

EWC code	20 01 14*	Acids

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group
** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user
Not applicable.

14.7. Maritime transport in bulk according to IMO instruments
No data available.

SECTION 15: REGULATORY INFORMATION

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

Restrictions for application	Restricted to professional users. People under the age of 18 shall not be exposed to this product. Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
Additional information	Not applicable.
Sources	The Danish Working Environment Authority's executive order no. 1049 of 30 May 2021 on young people's work. Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work. Pregnant workers and workers who are breastfeeding (AT Guide A.1.8-6, amended 2024). Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment
No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3
H302, Harmful if swallowed.

H318, Causes serious eye damage.
H361d, Suspected of damaging the unborn child.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

LSP

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: DK-en