

SAFETY DATA SHEET

Skumdæmper 9

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

1.1. Product identifier

Trade name

Skumdæmper 9

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

Relevant identified uses of the substance or mixture

ERC8D Process agent

Restricted to professional and industrial use.

Product code (A.I.S.E.)

AISE-P202 / Dishwash product. Automatic process.

AISE-P401 / Floor cleaner. Semi-Automatic process.

Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU 4	Manufacture of food products
Product category	Description
PC 0	Other products
Process category	Description
PROC 2	Use in closed, continuous process with occasional controlled exposure
Environmental release category	Description
ERC 8a	Wide dispersive indoor use of processing aids in open systems

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

NCA-Verodan A/S

Industriparken 5

DK-9560 Hadsund

Denmark

Tel.: +45 7027 1630

www.ncaa.dk

E-mail

mail@ncaa.dk

Revision

01/06/2026

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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

Not applicable.

Prevention

Not applicable.

Response

Not applicable.

Storage

Not applicable.

Disposal

Not applicable.

Hazardous substances

Contains no substances that need to be listed on the label.

Additional labelling

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

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Polyalkylenglycol	CAS No.: 9003-11-6 EC No.: 618-355-0 REACH: Index No.:	5-10%		
Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...	CAS No.: 1335202-88-4 EC No.: 931-203-0 REACH: Index No.:	3-5%		

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.

Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

None known.

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

Treat symptomatically.

Information to medics

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

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

No specific requirements.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

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

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

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Keep only in original packaging.

Storage conditions

0 - 40°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

propan-2-ol;isopropyl alcohol;isopropanol
Long term exposure limit (8 hours) (mg/m³): 490
Long term exposure limit (8 hours) (ppm): 200
Short term exposure limit (15 minutes) (mg/m³): 980
Short term exposure limit (15 minutes) (ppm): 400

Statutory order 1356 on exposure limits for substances and mixtures (19/11/2025)

DNEL

Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	187,5 mg/Kg/day
Long term - Systemic effects - General population	Dermal	37.5 mg/kg bw/day
Long term - Systemic effects - Workers	Dermal	312,5 mg/Kg/day
Long term - Systemic effects - Workers	Dermal	105 mg/kg bw/day
Long term - Systemic effects - General population	Inhalation	13 mg/m ³
Long term - Systemic effects - General population	Inhalation	2.61 mg/m ³
Long term - Systemic effects - Workers	Inhalation	44 mg/m ³ /8h
Long term - Systemic effects - Workers	Inhalation	14.8 mg/m ³
Long term - Systemic effects - General population	Oral	7,5 mg/Kg/day
Long term - Systemic effects - General population	Oral	1.5 mg/kg bw/day

propan-2-ol;isopropyl alcohol;isopropanol

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term - Systemic effects - Workers	Dermal	888 mg/kg bw/day

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m ³
Long term – Systemic effects - General population	Inhalation	89 mg/m ³
Long term – Systemic effects - Workers	Inhalation	500 mg/m ³
Long term – Systemic effects - Workers	Inhalation	500 mg/m ³
Short term – Systemic effects - General population	Inhalation	178 mg/m ³
Short term – Systemic effects - Workers	Inhalation	1000 mg/m ³
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Short term – Systemic effects - General population	Oral	51 mg/kg bw/day

PNEC

Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,00191 mg/l
Freshwater		22 µg/L
Freshwater sediment		0,58 mg/kg
Freshwater sediment		22.48 mg/kg
Intermittent release		0,00191 mg/l
Intermittent release (freshwater)		19.1 µg/L
Intermittent release (marine water)		1.9 µg/L
Marine water		0,00191 mg/l
Marine water		2.24 µg/L
Marine water sediment		2.248 mg/kg
Sewage treatment plant		2,96 mg/kg
Sewage treatment plant		2.96 mg/L
Soil		0,115 mg/kg
Soil		4.483 mg/kg

propan-2-ol;isopropyl alcohol;isopropanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	140,9 mg/l
Freshwater		140.9 mg/L
Freshwater sediment	Single	552 mg/kg
Freshwater sediment		552 mg/kg
Intermittent release (freshwater)		140.9 mg/L
Marine water	Single	140,9 mg/l
Marine water		140.9 mg/L
Marine water sediment		552 mg/kg
Predators		160 mg/kg
Sewage treatment plant	Single	251 mg/l
Sewage treatment plant		2.251 g/L
Soil	Single	28 mg/kg
Soil		28 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

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

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

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

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.





Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			


Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,38	> 240	EN374-2, EN16523-1, EN388	
Butyl	0.3	> 60	EN374-2, EN374-3, EN388	
Latex	0.4	-	EN374-2, EN388	
Nitrile	0.1	-	EN374-2	

Eye protection

Work situation	Type	Standards	
When there is risk of splash- / intermittent exposure	Face shield alternatively safety glasses with side shields.	EN166	

Work situation	Type	Standards
	No special when used as intended.	-

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

White

Odour / Odour threshold

None

pH

3

pH in solution

6,5 (0,5%)

Density (g/cm³)

1

Kinematic viscosity

No data available.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

No data available.

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

100

Vapour pressure

No data available.

Relative vapour density

No data available.

Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards

Flash point (°C)

No data available.

Flammability (°C)

No data available.

Auto-ignition temperature (°C)

No data available.

Lower and upper explosion limit (% v/v)

No data available.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

No data available.

Solubility in fat (g/L)

No data available.

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

No data available.

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

None known.

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	Polyalkylenglycol
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Result:	>4000 mg/kg

Product/substance	Polyalkylenglycol
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Product/substance	Polyalkylenglycol
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>10000 mg/kg

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5000 mg/kg ·

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	4570 mg/kg ·

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	13400 mg/kg ·

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory sensitization

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

Skin sensitisation

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

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.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Symptoms related to the physical, chemical and toxicological characteristics

None known.

11.2. Information on other hazards

Endocrine disrupting properties

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

Other information

propan-2-ol;isopropyl alcohol;isopropanol has been classified by IARC as a group 3.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	Polyalkylenglycol
Test method:	OECD 203
Species:	Fish
Duration:	96 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	Polyalkylenglycol
Test method:	OECD 202
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	1,91 mg/l ·

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	2,23 mg/l ·

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Species:	Algae
Duration:	72 hours
Test:	IC50
Result:	2,14 mg/l ·

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Species:	Algae
Duration:	72 hours
Test:	NOEC
Result:	1,48 mg/l ·

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	9640-10000 mg/l ·

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Species:	Algae
Duration:	72 hours
Test:	EC10
Result:	1800 mg/l ·

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Species:	Daphnia
Duration:	24 hours
Test:	LC50
Result:	9714-10000 mg/l ·

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

12.2. Persistence and degradability

Product/substance	Polyalkylenglycol
Result:	>60%
Conclusion:	-
Test:	OECD 301 F

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Result:	66%
Conclusion:	-
Test:	OECD 301 D

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
Result:	95%
Conclusion:	-
Test:	OECD 301 E

12.3. Bioaccumulative potential

Product/substance	Polyalkylenglycol
BCF:	<1000
Conclusion:	-

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
BCF:	13
Conclusion:	-

Product/substance	propan-2-ol;isopropyl alcohol;isopropanol
LogKow:	0,0500

Conclusion: -

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 not covered by regulations on dangerous waste.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

Waste group H:

Waste with low

energy content

20 01 30

Detergents other than those mentioned in 20 01 29

Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

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/A DN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR/ADN/RID, 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.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

REACH, Annex XVII

propan-2-ol;isopropyl alcohol;isopropanol is subject to REACH restrictions (entry 40).

Additional information

Not applicable.

Sources

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

The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU 4 = Manufacture of food products

PROC 2 = Use in closed, continuous process with occasional controlled exposure

PC 0 = Other products

ERC 8a = Wide dispersive indoor use of processing aids in open systems

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

EC = Effective concentration

ED = Effective dose

EINECS = European Inventory of Existing Commercial chemical Substances

EL = Effective Loading

ErC = Concentration associated with x% growth rate response

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

HP = Hazardous Property code

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IC = X maximum inhibitory concentration

IMDG = International Maritime Dangerous Goods

LC = Lethal concentration

LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans

LD = Lethal dose

LOAEC = Lowest Observed Adverse Effect Concentration

LOAEL = Lowest Observed Adverse Effect Level

LOEC = Lowest Observed Effect Concentration

LogKow = logarithm of the n-octanol/water coefficient

LL = Lethal Loading

M = For multiplication factor

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NOAEC = No Observed Adverse Effect Concentration

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

NOELR = No Observable Effect Loading Rate

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

Not applicable.

The safety data sheet is validated by

LEJ

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