

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

PC35 Washing and cleaning products

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

Code

AISE-P202 / Dishwash product. Automatic process.

Use descriptors (REACH)

Sectors of use

Description

LCS "PW"

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category

Description

PC 35

Washing and Cleaning Products (including solvent based products)

Process category

Description

PROC 2

Use in closed, continuous process with occasional controlled exposure

Environmental release category

Description

ERC9a

Wide dispersive indoor use of processing aids in close 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

7/13/2023

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

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

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

Read label before use. (P103)

Prevention

-

Response

-

Storage

-

Disposal

-

Hazardous substances

None known.

Additional labelling

EUH210, Safety data sheet available on request.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

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) 2018/605.

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

-

Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

- Non-ionic surfactants

< 5%

- Cationic surfactants

- Preservation agent (SODIUM BENZOATE)

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

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) and continue until irritation stops. Remove contact lenses.

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

None known.

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

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.

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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.

Recommended storage material

Keep only in original packaging.

Storage temperature

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

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 202 on exposure limits for substances and mixtures (21/02/2023)

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

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
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

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

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

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	140,9 mg/l
Freshwater sediment	Single	552 mg/kg
Marine water	Single	140,9 mg/l
Sewage treatment plant	Single	251 mg/l
Soil	Single	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

Wash hands after use.

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, EN374-3, EN388



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

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

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

Liquid

Colour

White

Odour / Odour threshold

None

pH

3

pH in solution

7 (0,3%)

Density (g/cm³)

1

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

100

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

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

The product is not degraded when used as specified in section 1.

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
Test:	
Result:	>4000 mg/kg

Product/substance	Polyalkylenglycol
Species:	
Route of exposure:	
Test:	
Result:	

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
Species:	Rat

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

Route of exposure:	Oral
Test:	LD50
Result:	4570 mg/kg ·

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

Product/substance	natriumbenzoat
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg ·

Product/substance	natriumbenzoat
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	12,2 mg/l ·

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 sensitisation

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.

11.2. Information on other hazards

Long term effects

None known.

Endocrine disrupting properties

Not applicable.

Other information

propan-2-ol has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

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

Product/substance	Polyalkylenglycol
Test method:	OECD 202

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

Species:	Daphnia, Daphnia magna
Compartment:	Freshwater
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 ·
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
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	9640-10000 mg/l ·
Product/substance	propan-2-ol
Species:	Algae
Duration:	72 hours
Test:	EC10
Result:	1800 mg/l ·
Product/substance	propan-2-ol
Species:	Daphnia
Duration:	24 hours
Test:	LC50
Result:	9714-10000 mg/l ·
Product/substance	natriumbenzoat
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	> 100 mg/l ·
Product/substance	natriumbenzoat
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	> 100 mg/l ·
Product/substance	natriumbenzoat
Species:	Algae
Duration:	24 hours
Test:	EC50
Result:	> 100 mg/l ·

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

12.2. Persistence and degradability

Product/substance	Polyalkylenglycol
Biodegradable:	Yes
Test method:	OECD 301 F
Result:	>60%

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

Product/substance	propan-2-ol
Biodegradable:	Yes
Test method:	OECD 301 E
Result:	95%

Product/substance	natriumbenzoat
Biodegradable:	Yes
Test method:	
Result:	

12.3. Bioaccumulative potential

Product/substance	Polyalkylenglycol
Test method:	
Potential bioaccumulation:	No
LogPow:	No data available.
BCF:	<1000
Other information:	

Product/substance	Fatty acids, C10-20 and C16-18-unsatd., reaction products with trie...
Test method:	
Potential bioaccumulation:	No
LogPow:	No data available.
BCF:	13
Other information:	

Product/substance	propan-2-ol
Test method:	
Potential bioaccumulation:	No
LogPow:	0,0500
BCF:	No data available.
Other information:	

Product/substance	natriumbenzoat
Test method:	
Potential bioaccumulation:	No
LogPow:	No data available.
BCF:	No data available.
Other information:	

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

Not applicable.

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.

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

EWC code

20 01 30 Detergents other than those mentioned in 20 01 29
 Waste group H:
 Waste with low energy content

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	-	-	-	-	-	-
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.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

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)

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

PC 35 = Washing and Cleaning Products (including solvent based products)

ERC9a = Wide dispersive indoor use of processing aids in close 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
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
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

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 blue 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