

Safety data sheet

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

Dline AG, Holzmoosrütistrasse 48, CH-8820 Wädenswil

NAS Nutrient Antischuppen-Shampoo

article number: 000387

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

1.1 Product identifier

Identification of the substance	Dline AG, Holzmoosrütistrasse 48, CH-8820 Wädenswil
Article number	000387 NAS Nutrient Antischuppen-Shampoo
Registration number (REACH)	not relevant (mixture)

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

Identified uses:	cosmetic product application Face & Body Care rinse-off (except eye area)
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1.3 Details of the supplier of the safety data sheet

Cosmetolab AG
Holzmoosrütistrasse 48
Eingang Seeseite
CH-8820- Wädenswil

Telephone: +41 (0) 44 783 78 00

Telefax: +41 (0) 44 784 34 73

e-mail: labor@cosmetolab.ch

URL: www.cosmetolab.ch

Competent person responsible for the safety data sheet

Department : R & D CosmetoLab AG

e-mail (competent person):

labor@cosmetolab.ch

1.4 Emergency telephone number

Emergency information service phone : **Tox Info Suisse: [24h/7d]: +41 44 251 51 51, or inland :145**

Emergency information service email : info@toxinfo.ch

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008:



GHS07 Warning

Skin Irrit.2 H315 Causes skin irritation.

Eye Irrit.2 H319 Causes serious Eye irritation

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:

GHS07

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Signal word: Warning

Hazard-determining components of labelling: Pentane-1,2-diol, Sodium lauryl ether sulfate & Pirocton Olamine

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious Eye irritation.

Precautionary statements:

P102 Keep out of reach of children

P264 Wash thoroughly after handling.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention..

2.3 Other Hazards:

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

Endocrine disrupting properties: Contains no endocrine disruptor (EDC) $\geq 0.1\%$

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous Components:

CAS: 3088-31-1 **Sodium lauryl ether sulfate** **5% - <15%** **EINECS:** 221-416-0



Eye Dam. 1, H318;  Skin Irrit. 2, H315

CAS: 5343-92-0 **Pentane-1,2-diol** **2.5% - <10%** **EINECS:** 226-285-3



Eye Dam. 1, H318

CAS: 68890-66-4 **Piroctone Olamine** **< 1%** **EINECS:** 272-574-2



Eye Dam. 1, H318;  Harmful to aquatic life with long lasting effects, H412

Additional information: For the wording of the listed hazard phrases refers to section 16

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SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off contaminated clothing.

Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

Rinse skin with water/shower. In all cases of doubt, or when symptoms persist, seek medical advice.

Following eye contact

Rinse opened eye for several minutes cautiously under running water.
In all cases of doubt, or when symptoms persist, seek medical advice.

Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Coordinate fire-fighting measures to the fire surroundings
water spray, foam, dry extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

None.

Hazardous combustion products

In case of fire may be liberated: May produce toxic fumes of carbon monoxide if burning

5.3 Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No special measures are necessary.

6.2 Environmental precautions

Keep away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8.

Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures are necessary.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool place.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

Ventilation requirements

Use local and general ventilation.

Specific designs for storage rooms or vessels

Recommended storage temperature: 5 °C until 25 °C.

Specific end use(s)

No information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Data are not available.

8.2 Exposure controls

Individual protection measures (personal protective equipment)



Eye/face protection

Use safety goggle with side protection.

Skin protection

hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

Gloves type of material

NBR (Nitrile rubber)

Gloves material thickness

>0,11 mm

Gloves breakthrough times of the glove material

>480 minutes (permeation: level 6)

other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection

Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65 °C , colour code: Brown).

Environmental exposure controls

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	slightly yellowish medium viscous tensid gel
Colour	slightly yellowish, nearly colorless
Odour	weak floral - fresh
Odour threshold	No data available

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Other physical and chemical parameters

pH (value)	~ 5
Melting point/freezing point	0 °C
Initial boiling point and boiling range	100 °C at 1.013 hPa
Flash point	not determined
Evaporation rate	no data available
Flammability (solid, gas)	not relevant (fluid)

Explosive limits

• lower explosion limit (LEL)	this information is not available
• upper explosion limit (UEL)	this information is not available
Explosion limits of dust clouds	not relevant

Vapour pressure	This information is not available.
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Density	~ 1.02 g/cm ³
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Vapour density	This information is not available.
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Bulk density	~ 1.02 g/cm ³
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Relative density	~ 1.02 g/cm ³
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Solubility(ies)

Water solubility	miscible in any proportion
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Partition coefficient n-octanol/water (log KOW)	This information is not available.
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Auto-ignition temperature	Information on this property is not available.
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Decomposition temperature	no data available
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Viscosity	~ 2500 mPas
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Explosive properties	Shall not be classified as explosive
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Oxidising properties	none
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9.2 Other information

There is no additional informat

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SECTION 10: Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of Temperature and pressure.

10.3 Possibility of hazardous reactions

Violent reaction with: Strong oxidiser

10.4 Conditions to avoid

Keep away from heat.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Endocrine disrupting ingredients

Contains no endocrine disruptor (EDC) $\geq 0.1\%$

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed data

are not available

If in eyes

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data are not available

If inhaled

data are not available

If on skin

data are not available

Other information

None

SECTION 12: Ecological information

12.1 Toxicity

according to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

12.2 Process of degradability

The substance is readily biodegradable.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Contains no endocrine disruptor (EDC) $\geq 0.1\%$

12.7 Other adverse effects Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

Sewage disposal-relevant information

Do not empty into drains.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

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SECTION 14: Transport information

- 14.1 UN number** (not subject to transport regulations)
- 14.2 UN proper shipping name** not relevant
- 14.3 Transport hazard class(es)** not relevant
- Class -
- 14.4 Packing group** not relevant
- 14.5 Environmental hazards** none (non-environmentally hazardous according to the dangerous goods regulations)
- 14.6 Special precautions for user**
There is no additional information.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**
The cargo is not intended to be carried in bulk.
- 14.8 Information for each of the UN Model Regulations**
- Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**
Not subject to ADR, RID and ADN.
- International Maritime Dangerous Goods Code (IMDG)**
Not subject to IMDG.
- International Civil Aviation Organization (ICAO-IATA/DGR)**
Not subject to ICAO-IATA.

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Relevant provisions of the European Union (EU)**

Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)
None of the ingredients are listed.

Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)
None of the ingredients are listed.

Regulation 850/2004/EC on persistent organic pollutants (POP)
None of the ingredients are listed.

Restrictions according to REACH, Annex XVII
None of the ingredients are listed.

List of substances subject to authorisation (REACH, Annex XIV)
None of the ingredients are listed.

Seveso Directive

2012/18/EU (Seveso III)			
No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
	not assigned		

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Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

None of the ingredients are listed.

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

None of the ingredients are listed.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
vPvB	very Persistent and very Bioaccumulative

Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)
- Dangerous Goods Regulations (DGR) for the air transport (IATA)
- International Maritime Dangerous Goods Code (IMDG)

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List of relevant phrases (code and full text as stated in chapter 2 and 3)

not relevant.

Disclaimer

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.