

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Des Foam HP

Product no.

-

REACH registration number

Not applicable

Other means of identification

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

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

NCÅ-Verodan A/S
Korinthvej 10
9220 Ålborg Ø
+45 70 27 16 30
www.ncaa.dk

Contact person

E-mail

mail@ncaa.dk

SDS date

06-07-2015

SDS Version

4.0

1.4. Emergency telephone number

Use your national or local emergency number
See section 4 "First aid measures"

SECTION 2: Hazards identification

▼ 2.1. Classification of the substance or mixture

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

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)



▼ **Signal word**

Danger

▼ **Hazard statement(s)**

Causes serious eye damage. (H318)

Causes skin irritation. (H315)

▼ Safety statement(s)	General	-
	Prevention	Wear protective gloves/eye protection. (P280).
	Response	Immediately call a POISON CENTER/doctor. (P310). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).
	Storage	-
	Disposal	-

▼ Identity of the substances primarily responsible for the major health hazards

hydrogen peroxide, acetic acid

2.3. Other hazards

This product contains an organic solvent. Repeated exposure to organic solvents can result in damage to the nervous system and inner organs, such as the liver and kidneys.

Additional labelling

-

▼ Additional warnings

VOC

-

SECTION 3: Composition/information on ingredients

▼ 3.1/3.2. Substances/Mixtures

NAME:	hydrogen peroxide
IDENTIFICATION NOS.:	CAS-no: 7722-84-1 EC-no: 231-765-0 REACH-no: 01-211948584
5-22-0000 Index-no: 008-003-00-9	
CONTENT:	10-15%
CLP CLASSIFICATION:	Acute Tox. 4, STOT SE 3, Skin Irrit. 2, Eye Dam. 1 H302, H312, H315, H318, H335
NAME:	acetic acid
IDENTIFICATION NOS.:	CAS-no: 64-19-7 EC-no: 200-580-7 Index-no: 607-002-00-6
CONTENT:	5-10%
CLP CLASSIFICATION:	Flam. Liq. 3, Skin Corr. 1A H226, H314
NOTE:	S
NAME:	dodecyldimethylamine oxide
IDENTIFICATION NOS.:	CAS-no: 1643-20-5 EC-no: 216-700-6
CONTENT:	<1%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1 H315, H318, H400

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

S = Organic solvent

Other informations

ATEmix(inhale, vapour) > 20
ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 1 Sum = Sum(Ci/S(G)CL) = 1,7008 - 2,5512
Skin Cat. 2 Sum = Sum(Ci/S(G)CL) = > 1 - 1,368
N acute (CAT 1) Sum = Sum(Ci/M(acute))*25) = 0,01488 - 0,02232

Detergent:
5 - 15%: OXYGEN-BASED BLEACHING AGENTS, ACETIC ACID
0 - 5%: NON-IONIC SURFACTANTS

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 continue. Never give

an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Contact a doctor at once.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Not applicable

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

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

▼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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances. Avoid inhalation of vapours from waste material.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

▼7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

▼ **7.2. Conditions for safe storage, including any incompatibilities**

Always store in containers of the same material as the original.

Storage temperature

No data available.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No data available

DNEL / PNEC

No data available.

8.2. Exposure controls

No control is necessary if the product is used in a normal way.

General recommendations

▼ Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

There are no maximum exposure limits for the substances contained in this product.

Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash 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

No specific requirements.

Skin protection

Special work clothing should be used. When working with this product for a long period of time, use a protective suit.

Hand protection

Recommended: Neoprene. . Breakthrough time: > 60 minutes (Class 3)

Eye protection

Use face shield. Use safety glasses with a side shield as an alternative.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity	Density (g/cm ³)
Liquid	Clear	Sharp/pungent	3,6	-	1,06

▼ **Phase changes**

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-
Explosion limits (Vol %)	Oxidizing properties	

-	-
Solubility	
Solubility in water	n-octanol/water coefficient
Soluble	-
9.2. Other information	
Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

- 10.1. Reactivity**
No data available
- 10.2. Chemical stability**
The product is stable under the conditions, noted in the section on "Handling and storage".
- 10.3. Possibility of hazardous reactions**
No special
- 10.4. Conditions to avoid**
Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.
- 10.5. Incompatible materials**
Strong acids, strong bases, strong oxidizing agents, and strong reductants 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 toxicological effects

▼ **Acute toxicity**

Substance	Species	Test	Route of exposure	Result
acetic acid	Rat	LD50	Oral	3310 mg/KG
hydrogen peroxide	Rat	LD50	Oral	1193 mg/kg
hydrogen peroxide	Rabbit	LD50	Dermal	>2000 mg/kg
hydrogen peroxide	Rat	LC50	Inhalation	170 mg/m ³

▼ **Skin corrosion/irritation**

Causes skin irritation.

Data on substance: acetic acid
Organism: Rabbit
Duration of Exposure: 48 h
Observation Period: 48 h
Result: 1060

Data on substance: acetic acid
Organism: Rabbit
Duration of Exposure: 48 h
Result: 1060

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

Data on substance: acetic acid
No adverse effect observed.

Data on substance: hydrogen peroxide
No adverse effect observed.

Carcinogenicity

Data on substance: acetic acid
No adverse effect observed.

Data on substance: hydrogen peroxide
No adverse effect observed.

Reproductive toxicity

Data on substance: acetic acid

No adverse effect observed.

Data on substance: hydrogen peroxide

No adverse effect observed.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

Data on substance: acetic acid

Result: 16000 ppm/4 h

Long term effects

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system.

Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled.

Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Test duration	Result
acetic acid	Fish	LC50	24 h	251 mg/l
acetic acid	Fish	LC50	96 h	75 mg/l
acetic acid	Daphnia	LC50	96 h	47 mg/l
hydrogen peroxide	Fish	LC50	96 h	16,4 mg/l
hydrogen peroxide	Crustacean	EC50	48 h	2,4 mg/l
hydrogen peroxide	Algae	EC50	72 h	1,38 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
acetic acid	Yes	No data available	No data available
hydrogen peroxide	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
acetic acid	No	No data available	No data available
hydrogen peroxide	No	No data available	No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Waste

EWC code

16 09 04

Specific labelling

-

Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

SECTION 14: Transport information

This product is covered by the conventions on dangerous goods.

According to EC-Regulation 1907/2006 (REACH)

14.1 – 14.4

ADR/RID

14.1. UN number	3149
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	5.1 (8)
14.4. Packing group	II
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	3149
Proper Shipping Name	HYDROGENPEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED with acid, water and not more than 5% peroxyacetic acid; 5.1 (8); II
Class	5.1 + 8
PG*	II
EmS	F-H, S-Q
MP**	-
Hazardous constituent	-

IATA/ICAO

UN-no.	
Proper Shipping Name	
Class	
PG*	

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

Demands for specific education

-

Additional information

-

Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

According to EC-Regulation 1907/2006 (REACH)

H226 - Flammable liquid and vapour.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.
H400 - Very toxic to aquatic life.

The full text of identified uses as mentioned in section 1

-

Other symbols mentioned in section 2

-

Other

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.
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.
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

DSD

**Date of last essential change
(First cipher in SDS version)**

19-02-2015

**Date of last minor change
(Last cipher in SDS version)**

06-07-2015

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