neodisher LaboClean A 8

Version: 3 / CA | Replaces Version: 2 / CA | Date revised: 06.04.2022 | Print date: 13.03.23

1. Identification

1.1. Product identifier

neodisher LaboClean A 8

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

Identified Uses

PC35 Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address:

Miele Ltd.
161 Four Valley Drive
Vaughan, ON L4K 4V8
Telephone no. +1-888-325-3957
www.mieleprofessional.ca

E-mail address of person responsible for this SDS:
sida@drweigert.de

Manufacturer:

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85
D-20539 Hamburg
Telephone no. +49 40 789 60 0
Fax no. +49 40 789 60 120
www.drweigert.com

1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) +1 800 535 5053 or international +1 352 323 3500

2. Hazard identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Met. Corr. 1	H290
Skin Corr. 1A	H314
Eye Dam. 1	H318
STOT SE 3	H335
Aquatic Chronic 2	H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

Signal word

Danger

Hazard statements

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor. Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains sodium hydroxide; disodium metasilicate

Supplemental information

Further supplemental information

Contact with acids liberates toxic gas.

2.3. Other hazards

The product contains no PBT or vPvB substances.

3. Composition/Information on ingredients

3.2. Mixtures

Hazardous ingredients

disodium metasilicate pentahydrate

CAS No.	10213-79-3				
EINECS no.	229-912-9				
Registration no.	01-2119449811-37				
Concentration	>=	10	<	25	%

Classification (Regulation (EC) No. 1272/2008)

Skin Corr. 1B	H314
STOT SE 3	H335
Eye Dam. 1	H318
Met. Corr. 1	H290

sodium hydroxide

CAS No.	1310-73-2				
EINECS no.	215-185-5				
Registration no.	01-2119457892-27				
Concentration	>=	10	<	25	%

Classification (Regulation (EC) No. 1272/2008)

Met. Corr. 1		H290
Skin Corr. 1A		H314
Eye Dam. 1		H318

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319	>= 0,5 < 2 %
Skin Corr. 1A	H314	>= 5 %
Skin Corr. 1B	H314	>= 2 < 5 %
Skin Irrit. 2	H315	>= 0,5 < 2 %

sodium carbonate

CAS No.	497-19-8			
EINECS no.	207-838-8			
Registration no.	01-2119485498-19			
Concentration	>= 1	<	10	%

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319

troclosene sodium

CAS No.	2893-78-9			
EINECS no.	220-767-7			
Registration no.	01-2119489371-33			
Concentration	>= 1	<	5	%

Classification (Regulation (EC) No. 1272/2008)

Ox. Sol. 2	H272
Acute Tox. 4	H302
Eye Irrit. 2	H319
STOT SE 3	H335
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Concentration limits (Regulation (EC) No. 1272/2008)

STOT SE 3	H335	>= 0,1 %

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note G

Other information

Complete text of hazard statements in chapter 16

4. First-aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	>	0	°C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

Storage class according to TRGS 510

Storage class according to TRGS 510	8B	Non-combustible corrosive hazardous substances

Further information on storage conditions

Protect from direct sunlight.

7.3. Specific end use(s)

no data

8. Exposure controls/Personal protection

8.1. Control parameters

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Particle filter P2

Hand protection

Chemical resistant gloves

Use	Permanent hand contact	
Appropriate Material	neoprene	
Material thickness	>=	0,65
Breakthrough time	>	480
Appropriate Material	butyl	
Material thickness	>=	0,7
Breakthrough time	>	480
Appropriate Material	nitrile	
Material thickness	>=	0,4
Breakthrough time	>	480
Use	Short-term hand contact	
Appropriate Material	nitrile	
Material thickness	>=	0,11

Hand protection must comply with EN ISO 374.

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid
Colour	white
Odour	characteristic

Odour threshold

Remarks	not determined

pH value

Value	appr.	14	
Concentration/H2O		10	%

Melting point

Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Remarks Not applicable

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

evaluation not determined

Upper/lower flammability or explosive limits

Remarks Not applicable

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

Density

Remarks not determined

Solubility in water

Remarks soluble

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks not determined

Viscosity

Remarks Not applicable

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information

Bulk density

Value	1150	to	1200	kg/m³

Other information

None known

10. Stability and reactivity

10.1. Reactivity
No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability
No hazardous reactions known.

10.3. Possibility of hazardous reactions
No hazardous reactions known.

10.4. Conditions to avoid
No hazardous reactions known.

Decomposition temperature

Remarks	not determined

10.5. Incompatible materials
Evolution of chlorine under influence of acids. Strong exothermic reaction with acids.

10.6. Hazardous decomposition products
No hazardous decomposition products known.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat				
ATE	>	2.000			mg/kg
Remarks	Based on available data, the classification criteria are not met.				

Acute oral toxicity (Components)

troclosene sodium

Species	rat				
LD50		1400			mg/kg

disodium metasilicate pentahydrate

Species	rat				
LD50		1150	to	1350	mg/kg

sodium carbonate

Species	rat				
LD50		2800			mg/kg

Acute dermal toxicity

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

Acute dermal toxicity (Components)

troclosene sodium

Species	rat				
LD50	>	5000			mg/kg
Source	IUCLID				

sodium carbonate

Species	rabbit				
LD50	>	2000			mg/kg

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

sodium carbonate

Species	mouse		
LC50	1,2		mg/l
Duration of exposure	2	h	

sodium carbonate

Species	rat		
LC50	2,3		mg/l
Duration of exposure	2	h	

Skin corrosion/irritation

evaluation: corrosive
Remarks: The classification criteria are met.

Serious eye damage/irritation

evaluation: corrosive
Remarks: The classification criteria are met.

Sensitization

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

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Reproduction toxicity (Components)

sodium carbonate

Remarks: No indications of toxic effects were observed in reproduction studies in animals.

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

Remarks: The classification criteria are met.
evaluation: May cause respiratory irritation.

Repeated exposure

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

Aspiration hazard

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

Experience in practice

Inhalation of dusts may irritate the respiratory tract.

Other information

There is no data available on the product apart from the information given in this subsection.

12. Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

troclosene sodium

Species	Bluegill (Lepomis macrochirus)			
LC50	0,28			mg/l
Duration of exposure	96	h		
Source	IUCLID			

disodium metasilicate pentahydrate

Species	zebra fish (Brachydanio rerio)			
LC50	210			mg/l
Duration of exposure	96	h		

sodium carbonate

Species	Bluegill (Lepomis macrochirus)			
LC50	300			mg/l
Duration of exposure	96	h		

sodium hydroxide

Species	rainbow trout (Oncorhynchus mykiss)			
LC50	45,4			mg/l
Duration of exposure	96	h		

Daphnia toxicity (Components)

troclosene sodium

Species	Daphnia magna			
LC50	0,18	to	0,21	mg/l
Duration of exposure	48	h		
Source	IUCLID			

disodium metasilicate pentahydrate

Species	Daphnia magna			
EC50	1700			mg/l
Duration of exposure	48	h		

sodium carbonate

Species	Ceriodaphnia spec			
EC50	200	to	227	mg/l
Duration of exposure	48	h		

sodium hydroxide

Species	Daphnia magna			
EC50	> 100			mg/l
Duration of exposure	48	h		

Algae toxicity (Components)

troclosene sodium

Species	Chlorella pyrenoidosa			
EC50	< 0,5			mg/l
Duration of exposure	3	h		

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

Evaluation of persistance and bioaccumulation potential

The product contains no PBT or vPvB substances.

12.6. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code	18 01 06*	chemicals consisting of or containing dangerous substances
EWC waste code	20 01 29*	detergents containing dangerous substances

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

EWC waste code	15 01 02	plastic packaging

Completely emptied packagings can be given for recycling.

EWC waste code	15 01 10*	packaging containing residues of or contaminated by dangerous substances

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

14. Transport information

	Land transport TDG	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
IMDG-Code segregation group		18 Alkalis	
14.1. UN number	1759	1759	1759
14.2. UN proper shipping name	CORROSIVE SOLID, N.O.S. (sodium hydroxide, troclosene sodium)	CORROSIVE SOLID, N.O.S. (sodium hydroxide, troclosene sodium)	CORROSIVE SOLID, N.O.S. (sodium hydroxide, troclosene sodium)
14.3. Transport hazard class(es)	8	8	8
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 kg		
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. Regulatory information

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

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

16. Other information

Hazard statements listed in Chapter 3

H272	May intensify fire; oxidizer.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Ox. Sol. 2	Oxidising solid, Category 2
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
IMDG: International Maritime Code for Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)
IBC: Intermediate Bulk Container
CAS: Chemical Abstracts Service
VOC: Volatile Organic Compound
ISO: International Organization for Standardization
LD: Lethal dose
LC: Lethal concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative
SVHC: Substances of very high concern
OECD: Organisation for Economic Co-operation and Development

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.