

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

## 1. Identification

### 1.1. Product identifier

neodisher LaboClean LA

### 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

\*

\*

\*

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

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23



## Signal word

Danger

## Hazard statements

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.

## Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
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 \*\*\* disodium metasilicate; sodium hydroxide

## 2.3. Other hazards

No special hazards have to be mentioned.

## 3. Composition/Information on ingredients \*\*\*

### 3.2. Mixtures

#### Hazardous ingredients \*\*\*

##### sodium hydroxide

CAS No. 1310-73-2  
EINECS no. 215-185-5  
Registration no. 01-2119457892-27  
Concentration  $\geq 25$  < 50 %  
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  $\geq 0,5 < 2$  %  
Skin Corr. 1A H314  $\geq 5$  %  
Skin Corr. 1B H314  $\geq 2 < 5$  %  
Skin Irrit. 2 H315  $\geq 0,5 < 2$  %

##### disodium metasilicate pentahydrate

CAS No. 10213-79-3  
EINECS no. 229-912-9  
Registration no. 01-2119449811-37  
Concentration  $\geq 25$  < 50 %  
Classification (Regulation (EC) No. 1272/2008)  
Skin Corr. 1B H314  
STOT SE 3 H335

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

Eye Dam. 1 H318  
Met. Corr. 1 H290

## sodium carbonate

CAS No. 497-19-8  
EINECS no. 207-838-8  
Registration no. 01-2119485498-19  
Concentration  $\geq$  10 < 25 %  
Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

## fatty alcohol, ethoxylated

CAS No. 146340-16-1  
EINECS no. 604-522-5  
Concentration  $\geq$  1 < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Skin Irrit. 2 H315  
Aquatic Acute 1 H400  
Aquatic Chronic 3 H412

## 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

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

## 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

#### 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

### 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

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

## 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  $\geq$  0,65

Breakthrough time  $>$  480

Appropriate Material butyl

Material thickness  $\geq$  0,7

Breakthrough time  $>$  480

Appropriate Material nitrile

Material thickness  $\geq$  0,4

Breakthrough time  $>$  480

Use Short-term hand contact

Appropriate Material nitrile

Material thickness  $\geq$  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/H<sub>2</sub>O 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 applicable

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

## 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 no

## Oxidising properties

Remarks not determined

## 9.2. Other information

### Bulk density

Value 1,075 to 1,125 g/cm<sup>3</sup>

### 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

Strong exothermic reaction with acids.

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

## 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

ATE > 2.000 mg/kg  
 Method calculated value (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

#### Acute oral toxicity (Components)

##### sodium carbonate

Species rat  
 LD50 2800 mg/kg

##### fatty alcohol, ethoxylated

Species rat  
 LD50 > 2000 mg/kg

##### disodium metasilicate pentahydrate

Species rat  
 LD50 1150 to 1350 mg/kg

#### Acute dermal toxicity

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

#### Acute dermal toxicity (Components)

##### 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 strongly corrosive  
 Remarks The classification criteria are met.

#### Serious eye damage/irritation

evaluation strongly 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.

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

## 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

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

### 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)

##### sodium hydroxide

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

##### sodium carbonate

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

##### fatty alcohol, ethoxylated

Species	golden orfe ( <i>Leuciscus idus</i> )		
LC50	0,6		mg/l
Method	DIN 38412 / Part 15		

##### disodium metasilicate pentahydrate

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

#### Daphnia toxicity (Components)

##### sodium hydroxide

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

##### sodium carbonate



# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

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

## **fatty alcohol, ethoxylated**

LC50	1,2	mg/l		
Method	DIN 38412 / Part 11			

## **disodium metasilicate pentahydrate**

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

## **Bacteria toxicity (Components)**

### **disodium metasilicate**

Species	activated sludge				
EC50	> 100	mg/l			
Duration of exposure	3	h			

## **12.2. Persistence and degradability**

### **General information**

not determined

### **Ready degradability (Components)**

fatty alcohol, ethoxylated

## **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 persistence 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 discharge product unmonitored into the environment. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

## **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

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

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	
<b>14.1. UN number</b>	1759	1759	1759
<b>14.2. UN proper shipping name</b>	CORROSIVE SOLID, N.O.S. (sodium hydroxide, disodium metasilicate)	CORROSIVE SOLID, N.O.S. (sodium hydroxide, disodium metasilicate)	CORROSIVE SOLID, N.O.S. (sodium hydroxide, disodium metasilicate)
<b>14.3. Transport hazard class(es)</b>	8	8	8
Label			
<b>14.4. Packing group</b>	II	II	II
Limited Quantity	1 kg		
Transport category	2		
<b>14.5. Environmental hazards</b>		no	

## 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

# neodisher LaboClean LA

Version: 3 / CA

Replaces Version: 2 / CA

Date revised: 11.11.2022

Print date: 13.03.23

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

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
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
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
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.