

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

1. Identification

1.1. Product identifier

neodisher N

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/Manufacturer

Miele Ltd.
161 Four Valley Drive
Vaughan, ON L4K 4V8
Telephone no. +1-888-325-3957
E-mail address of sida@drweigert.de
person responsible
for this SDS

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)

Skin Corr. 1B H314

Eye Dam. 1 H318

Met. Corr. 1 H290

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

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

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 phosphoric acid

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/Information on ingredients

3.2. Mixtures

Hazardous ingredients

phosphoric acid

CAS No. 7664-38-2
EINECS no. 231-633-2
Registration no. 01-2119485924-24
Concentration ≥ 50 %
Classification (Regulation (EC) No. 1272/2008)
Met. Corr. 1 H290
Skin Corr. 1B H314
Eye Dam. 1 H318

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

Eye Irrit. 2 H319 $\geq 10 < 25$ %
Skin Corr. 1B H314 ≥ 25 %
Skin Irrit. 2 H315 $\geq 10 < 25$ %

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

citric acid

CAS No. 77-92-9
EINECS no. 201-069-1
Registration no. 01-2119457026-42
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Eye Irrit. 2 H319
STOT SE 3 H335

Other information

Complete text of hazard statements in chapter 16

4. First-aid measures

4.1. Description of first aid measures

General information

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

Remove contaminated, soaked clothing immediately and dispose of safely. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When spray fog inhaled, seek medical aid.

After skin contact

After contact with skin, wash immediately with plenty of water. Take medical treatment.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. 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. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

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 formation of aerosols. Observe the usual precautions for handling chemicals. 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 > -15 < 30 °C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

General protective and hygiene measures

Hold eye wash fountain available. Hold emergency shower available. Do not inhale gases/vapours/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

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Particle filter P2

Hand protection

Chemical resistant gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Use

Appropriate Material

Material thickness

Permanent hand contact

neoprene

>= 0,65

> 480

nitrile

>= 0,4

> 480

butyl

>= 0,7

> 480

Short-term hand contact

nitrile

>= 0,11



neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

Hand protection must comply with EN 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. Protective shoes

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------------|
| Form | liquid |
| Colour | colourless |
| Odour | characteristic |
| Odour threshold | |
| Remarks | not determined |
| pH value | |
| Value | appr. 0,7 |
| Temperature | 20 °C |
| 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 |
| Upper/lower flammability or explosive limits | |
| Remarks | Not applicable |
| Vapour pressure | |
| Remarks | not determined |
| Vapour density | |
| Remarks | not determined |
| Density | |
| Value | 1,47 g/cm ³ |
| Temperature | 20 °C |
| Solubility in water | |
| Remarks | miscible in all proportions |
| Solubility(ies) | |
| Remarks | not determined |
| Partition coefficient: n-octanol/water | |
| Remarks | not determined |
| Auto-ignition temperature | |
| Remarks | Not applicable |

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

Decomposition temperature

Remarks not determined

Viscosity

dynamic

| | | | | |
|-------------|---|----|----|-------|
| Value | < | 50 | | mPa.s |
| Temperature | | 20 | °C | |

Explosive properties

evaluation not determined

Oxidising properties

evaluation None known

9.2. Other information

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

Reactions with metals, with evolution of hydrogen. Reactions with alkalis.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

| | | | |
|---------|---|------|-------|
| ATE | > | 2000 | 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)

citric acid

| | | | |
|---------|-----|-------|-------|
| Species | rat | | |
| LD50 | | 11700 | mg/kg |

citric acid

| | | | |
|---------|-------|------|-------|
| Species | mouse | | |
| LD50 | | 5040 | mg/kg |

phosphoric acid ... %

| | | | |
|---------|-----|--|--|
| Species | rat | | |
|---------|-----|--|--|

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

LD50 2600 mg/kg

Acute dermal toxicity

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

Acute dermal toxicity (Components)

phosphoric acid ... %

Species rabbit
LD50 2740 mg/kg

Acute inhalational toxicity

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

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.

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

Remarks Based on available data, the classification criteria are not 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 may lead to irritation of 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)

citric acid

Species golden orfe (*Leuciscus idus*)
LC50 440 to 706 mg/l
Duration of exposure 96 h

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

phosphoric acid ... %

| | | |
|----------------------|---------------|------|
| Species | mosquito fish | |
| LC50 | 138 | mg/l |
| Duration of exposure | 96 | h |

Daphnia toxicity (Components)

citric acid

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| EC50 | 120 | mg/l |
| Duration of exposure | 72 | h |

phosphoric acid ... %

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| EC50 | > 100 | mg/l |
| Duration of exposure | 48 | h |
| Method | OECD 202 | |

Algae toxicity (Components)

phosphoric acid ... %

| | | |
|----------------------|-------------------------|------|
| Species | Scenedesmus subspicatus | |
| EC50 | > 100 | mg/l |
| Duration of exposure | 72 | h |
| Method | OECD 201 | |

12.2. Persistence and degradability

General information

not determined

Ready degradability (Components)

citric acid

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

General information

not determined

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 allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

13. Disposal considerations

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

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 | | 1 Acids | |
| 14.1. UN number | 1805 | 1805 | 1805 |
| 14.2. UN proper shipping name | PHOSPHORIC ACID, SOLUTION | PHOSPHORIC ACID, SOLUTION | PHOSPHORIC ACID, SOLUTION |
| 14.3. Transport hazard class(es) | 8 | 8 | 8 |
| Label |  |  |  |
| 14.4. Packing group | III | III | III |
| Limited Quantity | 5 l | | |
| Transport category | 3 | | |
| 14.5. Environmental hazards | | 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

neodisher N

Version: 2 / CA

Replaces Version: - / CA

Date revised: 12.03.2025

Print date: 29.09.25

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

Other regulations, restrictions and prohibition regulations

Observe employment restrictions for young people.

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

| | |
|------|--|
| H290 | May be corrosive to metals. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

CLP categories listed in Chapter 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. 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
VOC: Volatile Organic Compound
LD: Lethal dose
LC: Lethal concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative
SVHC: Substances of very high concern
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
ISO: International Organization for Standardization
OEL: Occupational exposure limit
OECD: Organisation for Economic Co-operation and Development
UN: United Nations
IMO: International Maritime Organization

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.