

Safety Data Sheet acc. to OSHA HCS

Printing date 12/10/2025

Reviewed on 12/10/2025

1 Identification

- **Product identifier**

- **Trade name:** Miele ProCare Universal 61

- **CAS Number:**

7647-14-5

- **EC number:**

231-598-3

- **Application of the substance / the mixture** Auxiliary

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

Miele Inc.

9 Independence Way

Princeton

NJ 08540

Phon.: 800-991-9380

Fax.: 609-419-4241

www.mieleusa.com/professional

claro products GmbH

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A-5081 Anif

Tel.: +43 (0)6232/2626

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www.claro.at

- **Information department:**

Labor: Tel.: +43 (0) 6232 / 2626 - 568

Contact: Mr. Dr. Lukasser; josef.lukasser@claro.at

- **Emergency telephone number:**

Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

Emergency hotline 911 or provincial poison control center

2 Hazard(s) identification

- **Classification of the substance or mixture**

The substance is not classified, according to the Globally Harmonized System (GHS).

- **Label elements**

- **GHS label elements** Void

- **Hazard pictograms** Void

· **Signal word** Void

- **Hazard statements** Void

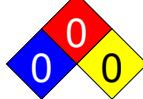
- **Additional information:**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

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· HMIS-ratings (scale 0 - 4)

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

· Other hazards

- Results of PBT and vPvB assessment**
- PBT:** Not applicable.
- vPvB:** Not applicable.

3 Composition/information on ingredients**· Chemical characterization: Substances****· CAS No. Description**

7647-14-5 Sodium chloride

· Identification number(s)**· EC number:** 231-598-3**4 First-aid measures****· Description of first aid measures****· General information:** No special measures required.**· After inhalation:** Supply fresh air; consult doctor in case of complaints.**· After skin contact:**

Wash off with plenty of water. Remove clothing contaminated with product. In case of complaints, consult a doctor.

· After eye contact: Rinse opened eye for several minutes under running water.**· After swallowing:** If symptoms persist consult doctor.**· Information for doctor:****· Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures**· Extinguishing media****· Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

Use fire fighting measures that suit the environment.

· Special hazards arising from the substance or mixture No further relevant information available.**· Advice for firefighters****· Protective equipment:** The usual measures for fire protection are to be taken.**· Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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6 Accidental release measures**· Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions: Do not allow to enter sewers/ surface or ground water.**· Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to section 13.

Pick up mechanically (wipe up, sweep up) and collect in suitable containers for disposal.

· Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals**· PAC-1:** Substance is not listed.**· PAC-2:** Substance is not listed.**· PAC-3:** Substance is not listed.**7 Handling and storage****· Handling:****· Precautions for safe handling**

Ensure good ventilation of the workplace. Wear personal protective equipment. Avoid contact with eyes and skin.

· Information about protection against explosions and fires: No special measures required.**· Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements to be met by storerooms and receptacles:** No special requirements.**· Information about storage in one common storage facility:** Not required.**· Further information about storage conditions:** None.**· Storage class:** 13**· Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****· Additional information about design of technical systems:**

Ensure good ventilation of the workplace.

· Control parameters**· Components with limit values that require monitoring at the workplace:** Not required.**· Additional information:** The lists that were valid during the creation were used as basis.**· Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· Breathing equipment:

Not necessary if room is well-ventilated.

Wear dust mask if dust is generated: dust mask with filter type P2 (EN143) or fine dust mask FFP2 / FFP3 (EN149)

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· Protection of hands:

Protective gloves according to EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Recommended material thickness: $\geq 0.4\text{mm}$

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Butyl rubber, BR

Nitrile rubber, NBR

Natural rubber, NR

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

· Eye protection:

Safety goggles according to EN166

· Body protection:

The above protective equipment instructions refer to commercial handling of larger quantities.

9 Physical and chemical properties**· Information on basic physical and chemical properties****· General Information****· Appearance:****Form:**

Solid

Color:

White

· Odor:

Odorless

· Odor threshold:

Not determined.

· pH-value:

6-9

· Change in condition**Melting point/Melting range:** 801 °C (1,473.8 °F)**Boiling point/Boiling range:** 1,461 °C (34.661 °F)**· Flash point:**

Not applicable.

· Flammability:

Product is not flammable.

· Decomposition temperature:

Not determined.

· Ignition temperature:

Not determined.

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Danger of explosion:	Product does not present an explosion hazard.
Explosion limits: <i>Lower:</i>	Not determined.
<i>Upper:</i>	Not determined.
Vapor pressure:	Not applicable.
Density at 20 °C (68 °F):	2.16 g/cm ³ (18.0252 lbs/gal)
Bulk density:	800-1,600 kg/m ³
Relative density	Not determined.
Vapor density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with Water at 20 °C (68 °F):	260 g/l
Partition coefficient (n-octanol/water):	Not determined.
Viscosity: <i>Dynamic:</i>	Not applicable.
<i>Kinematic:</i>	Not applicable.
VOC content:	0.00 %
Solids content:	100.0 %
Other information	No further relevant information available.

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10 Stability and reactivity

- Reactivity** The product is not reactive under normal conditions of use, storage and transport.
- Chemical stability**
- Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- Possibility of hazardous reactions** No dangerous reactions known.
- Conditions to avoid** No further relevant information available.
- Incompatible materials:** No further relevant information available.
- Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- Information on toxicological effects**
- Acute toxicity:**

- LD/LC50 values that are relevant for classification:**

7647-14-5 Sodium chloride

Oral LD50 3,000 mg/kg (rat)

Dermal LD50 >10,000 mg/kg (rabbit)

- Primary irritant effect:**

- on the skin:** No irritant effect.

- on the eye:** No irritating effect.

- Sensitization:** No sensitizing effects known.

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Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The substance is not subject to classification.

Carcinogenic categories

IARC (International Agency for Research on Cancer) Substance is not listed.

NTP (National Toxicology Program) Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration) Substance is not listed.

12 Ecological information**Toxicity****Aquatic toxicity:****7647-14-5 Sodium chloride**

LC50/96 h	7,650 mg/l (Pimephales promelas)
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EC50/48 h	1,000 mg/l (Daphnia magna)
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Persistence and degradability No further relevant information available.**Behavior in environmental systems:**

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:**General notes:**

Water hazard class 1 (Assessment by list): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations**Waste treatment methods****Recommendation:**

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Uncleaned packagings:**Recommendation:**

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Recycle or dispose of in accordance with applicable legal requirements.

Recommended cleansing agent: Water, if necessary with cleansing agents.

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14 Transport information

· UN-Number	
· ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):** Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** Substance is not listed.
- **TSCA (Toxic Substances Control Act):** ACTIVE
- **Hazardous Air Pollutants** Substance is not listed.
- **Proposition 65**
- **Chemicals known to cause cancer:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:** Substance is not listed.
- **Chemicals known to cause developmental toxicity:** Substance is not listed.
- **Cancerogenity categories**
- **EPA (Environmental Protection Agency)** Substance is not listed.
- **TLV (Threshold Limit Value)** Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **National regulations:**
- **Additional classification according to Decree on Hazardous Materials:** -
- **Water hazard class:** Water hazard class 1 (Assessment by list): slightly hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Labor: Tel.: +43 (0)6232/2626-568

· **Contact:** Mr. Josef Lukasser

· **Date of preparation / last revision** 12/10/2025 / 3.6

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

· *** Data compared to the previous version altered.**

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