

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

Previous version: 15.10.2020

1. Identification of the substance/mixture and of the company

1.1. Product identifier

Substance name: Manoform

1.2. Relevant identified uses of the substance or mixture

Use of the substance: Hygienic hand disinfectant

In the following product type: Human hygiene biocidal products

1.3. Details of the supplier of the safety data sheet

Company: IC PRODUCTS SA
Via Santa Maria 68a
CH-6596 Gordola

Dept. responsible for information: Tel.: +41 91 743 67 61 Fax: +41 91 743 73 60

Email address: admin@icproducts.ch

1.4. Emergency telephone number

Emergency information: Tel.: +41 91 743 67 61 or call the Swiss
Toxicological Information Centre (STIZ145).

2. Hazards identification

2.1. Classification of the substance or mixture

Manoform does not require classification in accordance with the Globally Harmonized System (GHS) - Regulation (EC) No. 1272/2008.

2.2. Label elements

Labelling in accordance with Regulation (EC) No. 1272/2008

Pictogram: -

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

Previous version: 15.10.2020

Signal word: -

Hazard statements: -

Precautionary statements: P102 : Keep out of reach of children.

2.3. Other hazards

General advice: No information available.

3. Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Active ingredients:

Name	Concentration	CAS-No.	EC-No. / Registration No.
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl-, chlorides	0,24 – 0,28 %	68424-85-1	270-325-2

4. First aid measures

4.1. Description of first aid measures

General advice: No special measures required. Bring affected person to fresh air.

Inhalation: Supply fresh air. Consult doctor in case of complaints.

Skin contact: Generally, the product does not irritate the skin. Consult the doctor in case of complaints.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for 10 minutes. Consult a doctor if irritation persists.

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

Previous version: 15.10.2020

Ingestion: Rinse mouth and drink plenty of water. Never induce vomiting or give anything by mouth to an unconscious person. Consult a doctor.

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

Symptoms: No information available.

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

Treatment: No information available.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Dry powder, water spray, foam.

5.2. Special hazards arising from the substance or mixture

Specific hazards during : In the event of fire or under the effect of heat, toxic gas
firefighting may form.

5.3. Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing
for firefighters apparatus. Do not inhale explosion and combustion
gases.

Additional information: Use water spray to cool unopened containers.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Not required.

6.2. Environmental precautions

Environmental precautions: Dilute with water.

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

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6.3. Methods and materials for containment and clean-up

Cleaning procedure: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

Additional advice: No dangerous substances are released.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling: No special measures required.

Advice on protection against : No special measures required.
fire and explosion

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep away from heat and direct sunlight.
areas and containers

Information for combined : Not required.
storage

Further information on : Keep away from heat and direct sunlight.
storage conditions

7.3. Specific end use(s)

Specific use(s): No information available.

8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure : The product does not contain any relevant quantities of

Material Safety Data Sheet

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Manoform

Revision date: 23.10.2023/CH-eng

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limits materials with critical values that must be monitored at the workplace.

Additional information: The lists that were valid during the compilation were used as basis.

8.2. Exposure controls

Personal protective equipment (as defined in Regulation (EU) 2020/878)

General protective and : The general rules and precautionary measures for
hygienic measures handling chemicals should be observed.

Respiratory protection: Not required.

Hand protection: Not required.

Eye protection: Not required.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid

Colour: colourless

Odour: odourless

Melting point/freezing point: approx. 0 °C

Boiling point/range: approx. 100 °C

Flammability: no data available

Explosion limits: not explosive

Flash point: no data available

pH: 8.5 – 10.0 (2,6 mg/g; 20 °C)

Material Safety Data Sheet

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Manoform

Revision date: 23.10.2023/CH-eng

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Kinematic viscosity:	approx. 3 mPa.s (20 °C)
Solubility:	completely soluble in water
Vapor pressure:	no data available
Density:	ca. 1 g/cm ³ (20 °C)
Relative vapour density:	no data available

9.2. Other information

No data available.

10. Stability and reactivity

10.1. Reactivity

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.2. Chemical stability

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials

No incompatible materials known.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

Previous version: 15.10.2020

11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Skin irritation:	No irritant effect.
Eye irritation:	No irritant effect.
Sensitization:	No sensitizing effect known.

11.2. Information on other hazards

The product is not subject to classification according to the calculation methods of the „General Classification Guideline for preparations of the EC” as issued in the last version. Based on our knowledge and on the information provided to us the product causes no harmful effects when handled and used properly.

12. Ecological information

12.1. Toxicity

Toxicity to fish:	No data available.
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12.2. Persistence and degradability

Biodegradability:	No data available.
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12.3. Bioaccumulative potential

Bioaccumulation:	No data available.
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12.4. Mobility in soil

Behaviour in environmental compartments : No data available.

12.5. Results of PBT and vPvB assessment

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

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Assessment: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

12.6. Other adverse effects

Additional advice: No data available.

13. Disposal considerations

13.1. Waste treatment methods

Product: Smaller quantities can be disposed of with household waste.

Contaminated packaging:

P501 Partially empty or empty container/packaging should be rinsed with water and can be disposed of together with household waste or brought to a recycling collection point.

Recommended cleaning agent: Water, if necessary with the addition of detergent.

14. Transport information

IATA/IMDG/ADR/RID/DOT/TDG

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class

Not applicable.

Material Safety Data Sheet

according to Regulation (EU) 2020/878

Manoform

Revision date: 23.10.2023/CH-eng

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14.4. Packing group

Not applicable.

14.5. Environmental hazards

No.

14.6. Special precautions for the user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

15. Regulatory information

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

This safety data sheet complies with the requirements of Regulation (EC) No. 2020/878.

National legislation

No additional information available.

Classification according to industrial safety and health regulations

Manoform is not liable to classification according to the GHS.

15.2. Chemical safety assessment

Not required.

16. Other information

Revisions

Revision 01

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15.10.2020 Section 3: active ingredient and its classification were updated to conform with Commission Regulation (EU) 2015/830 (previous version date: 01.01.2017).

Revision 02

23.10.2023 Updated based on Regulation (EU) 2020/878.

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication, however they are no assurance of product properties and do not justify a contractual legal relationship. This version replaces all previous versions. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information cannot be transferred to other products. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Department issuing data specification sheet: IC PRODUCTS SA

Contact person: Ms. Krisztina Schulthess