

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

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

1.1. Product identifier

Substance name : Fermacidal D2

1.2. Relevant identified uses of the substance or mixture

Use of the substance : Disinfectant for surfaces and items

In the following product type : 02 Private area and public health area
disinfectants and other public health area
biocidal products

03 Veterinary hygiene biocidal products

04 Food and feed area disinfectants

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

Fermacidal D2 does not require classification in accordance with the Globally Harmonized System (GHS).

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

2.2. Label elements

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

Pictogram :	-
Signal word :	-
Hazard statements :	-
Precautionary statements :	P102 : Keep out of reach of children.

2.3. Other hazards

General advice : No information available.

Additional information

Requirements in the food industry:

- After the prescribed exposure time rinse the disinfected surfaces, equipment, tools and containers several times with drinking water
- Do not treat food directly
- Treat only smooth (nonabsorbent and non-porous) materials

3. Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Active ingredients

Sum of the following components : < 0.2%

- Didecyldimethylammonium chloride
- Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl-, chlorides
- Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl] dimethyl-, chlorides

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

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.

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

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

5.3. Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus for firefighters. 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.

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 : No special measures required.
areas and containers

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

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
limits materials with critical values that have to 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

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

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

Colour :	colourless
Odour :	odourless
Melting point/range :	approx. 0 °C
Boiling point/range :	approx. 100 °C
Flash point :	> 100 °C
Auto-flammability :	not auto-flammable
Explosivity :	not explosive
Viscosity, dynamic :	23 hPa (20 °C)
Density :	1 g/cm ³ (20 °C)
Water solubility :	completely miscible

9.2. Other information

Solvent content

Organic solvent :	0,4 %
Water :	99,5 %

10. Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

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.

11. Toxicological information

11.1. Information on toxicological effects

Toxicological data concerning the mixture

Primary irritant effect

Skin irritation : No irritant effect.

Eye irritation : No irritant effect.

Sensitization : No sensitizing effect known.

Additional toxicological information :

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.

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

12.2. Persistence and degradability

Biodegradability : No data available.

12.3. Bioaccumulative potential

Bioaccumulation : No data available.

12.4. Mobility in soil

Behaviour in environmental : No data available.
compartments

12.5. Results of PBT and vPvB assessment

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.

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

14. Transport information

IATA/IMDG/ADR/RID/DOT/TDG

14.1. UN number

Not applicable.

14.2. Proper shipping name

Not applicable.

14.3. Transport hazard class

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

No.

14.6. Special precautions for the user

None.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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. 1272/2008.

Material Safety Data Sheet

according to Regulation (EC) No. 1272/2008

Fermacidal D2

Version: 01.01.2017/CH-eng

National legislation

Water contaminating class (Germany) : WGK 1 - slightly hazardous to water

Classification according to the Industrial Safety and Health Regulation (BetrSichV)

Fermacidal D2 is not liable to classification according to the GHS.

Technical Instructions on Air Quality Control

<u>Class</u>	<u>Percentage (%)</u>
Water	50 - 100
III	≤ 2,5
NK	≤ 2,5

15.2. Chemical safety assessment

Not required.

16. Other information

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