

SAFETY DATA SHEET

According to Regulation (EU) 1907/2006/EC
Disicide® SKIN

Valid from 2023-04-23

Version 2.0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Disicide® Skin Disinfectant Spray
150 ml Art.nr. 035018 300 ml Art.nr. 035019 1000 ml Art.nr. 035020
UFI Code: VS00-W053-0009-JDEP

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture: Disinfecting for antiseptic and disinfectant.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Terapima Sweden AB
Smidesvägen 13
24534 Staffanstorp, Sweden
+46 70 513 05 05
info@disicide.com

UK Responsible Person

Terapima UK Ltd
Ground Floor 67 James Street
Brighton, East Sussex BN2 1PJ
United Kingdom
info@disicide.com
Tel: +46 70 513 05 05

1.4 Emergency telephone number

Please call your local emergency number
Iceland: eitur@landspitali.is and phone number (+354 543 2222)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard class	Hazard category	Target organs	Hazard Statement
Eye Irritation	Category 2	-----	H319
Long term (chronic) Aquatic hazard	Category	-----	H412

Full text of hazard classes and H-statements: see section 16

Most important adverse effects

Human Health

Eye contact may cause the following effects. Causes serious eye irritation.

Physical and chemical hazards

In case of fire hazardous decomposition products may be produced such as:, Chlorine, Carbon oxides

Potential environmental effects

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]



Signal word

Warning

Hazard statements

H319 - Causes serious eye irritation.

Precautionary statements

Hazardous components which must be listed on the label:

D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)

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2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components	Amount [%]	Classification (REGULATION (EC) No 1272/2008 - 67/548/EEC)	
		Hazard class / Hazard category	Hazard statement

D-Gluconic acid, compound with N,N'-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)

CAS-No. 18472-51-0

EC-No. 242-354-0

EU Reach-Reg.no. 01-2119946568-22-0005

>= 1 - <= 3

Eye Dam	H318
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Water

CAS.NO. 7732-18-5

EC.NO. 231-791-2

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice: No special precautions required.

If inhaled: Move to fresh air. If symptoms persist, call a physician. No special precautions required.

In case of skin contact: Take off all contaminated clothing immediately. Wash off with soap and plenty of water. Seek medical advice.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids for at least 5 minutes. Call a physician immediately.

If swallowed: Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms: See Section 11 for more detailed information on health effects and symptoms.

Effects: See Section 11 for more detailed information on health effects and symptoms.

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

Treatment: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, foam, dry powder or CO₂.

Unsuitable extinguishing media: Water spray jet

5.2. Special hazards arising from the substance or mixture

In case of fire hazardous decomposition products may be produced such as: Chlorine, Carbon oxides

5.3. Advice for firefighters

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Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

Further advice

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection see section 8. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. The product should not be allowed to enter drains, water courses or the soil.

6.3. Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on personal protective equipment.

See Section 13 for waste treatment information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Provide for good ventilation. Mechanical ventilation can be needed. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures

Take off all contaminated clothing immediately. Smoking, eating and drinking should be prohibited in the application area. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday.

7.2. Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

7.3. Specific end use(s)

No additional information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls Ensure adequate ventilation.

Personal protective equipment

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Wear impervious chemical resistant protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Protective gloves should be replaced at first signs of wear.

Eye protection

Tightly fitting safety goggles

Skin and body protection

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Protective work clothing

Environmental exposure controls

Do not flush into surface water or sanitary sewer system.

The product should not be allowed to enter drains, water courses or the soil.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:	Liquid
Colour:	Colourless
Odour:	Odourless
Odour Threshold:	No data available
pH:	5,5 – 7,0 (50g/l)
Freezing point:	No data available
Density:	1,06 – 1,07
Boiling point:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Explosive limits (in air):	No data available
Vapour pressure:	No data available
Solubility / qualitative:	Miscible in water
Partition coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	No data available
Explosivity:	No data available

9.2. Other information

No further information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable at normal ambient temperature

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Materials to avoid: Strong oxidizing agents

10.6. Hazardous decomposition products

In case of fire hazardous decomposition products may be produced such as: Chlorine, Carbon oxides

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

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Data for the product

Acute toxicity

Oral

This material may be a slight health hazard if ingested in large quantities.

Inhalation

Inhalation of high concentration may cause mechanical overstraining of mucous membranes.

Dermal

no data available

Irritation

Skin

Prolonged skin contact may cause skin irritation.

Eyes

Causes serious eye irritation.

Sensitisation

Please find this information in the listing of the component/components below in this section.

CMR Effects CMR Properties

Carcinogenicity

Please find this information in the listing of the component/components below in this section.

Mutagenicity

Please find this information in the listing of the component/components below in this section.

Reproductive toxicity

Please find this information in the listing of the component/components below in this section.

Specific Target Organ Toxicity

Single exposure

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

Repeated exposure

No data available

Other toxic properties

Repeated dose toxicity

No data available

Aspiration hazard

No data available

Component: D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) CAS-No. 18472-51-0

Acute toxicity

Oral

LD50

> 2000 mg/kg (Rat, male and female) (OECD Test Guideline 401)

Dermal

LD50

> 5000 mg/kg (Rabbit) (US-EPA method)

Sensitisation

Result

Not sensitizing (Maximisation Test; Guinea pig) (OECD Test Guideline 406)

CMR effects

CMR Properties

Carcinogenicity

Animal testing did not show any carcinogenic effects.

Mutagenicity

In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects

Reproductive toxicity

Not expected to be toxic for reproduction

12. ECOLOGICAL INFORMATION



12.1 Toxicity

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Acute toxicity

Fish

LC50

2,08 mg/l (Brachydanio rerio; 96 h) (semi-static test; OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EC50

0,087 mg/l (Daphnia magna (Water flea); 48 h) (static test; OECD Test Guideline 202)

algae

ErC10

0,03 mg/l (Scenedesmus subspicatus; 72 h) (static test; End point: Growth rate; OECD Test Guideline 201)

ErC50

0,081 mg/l (Scenedesmus subspicatus; 72 h) (static test; End point: Growth rate; OECD Test Guideline 201)

Bacteria

EC50

25 mg/l (activated sludge; 3 h) (static test; OECD Test Guideline 209)

Soil-Dwelling Organisms

LC0

> 1000 mg/kg (Eisenia fetida (earthworms); 14 d) (OECD Test Guideline 207)

Chronic toxicity

Aquatic invertebrates

NOEC

0,0206 mg/l (Daphnia magna (Water flea); 21 d) (semi-static test; OECD Test Guideline 211)

EC50

0,0358 mg/l (Daphnia magna (Water flea); 21 d) (semi-static test; OECD Test Guideline 211)

M-Factor

M-Factor (Acute Aquat. Tox.) 10

M-Factor (Chron. Aquat. Tox.) 1

12.2. Persistence and degradability

Component: D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) CAS-No. 18472-51-0

Persistence and degradability

Biodegradability

Not readily biodegradable.

12.3. Bioaccumulative potential

Component: D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) CAS-No. 18472-51-0

Bioaccumulation

log Kow -1,81 (20,7 °C) (OECD Test Guideline 107)

BCF: 40 (Leuciscus idus (Golden orfe); 3 d; 25 °C; 0,050 mg/l) The product has low potential bioaccumulation.

12.4. Mobility in soil

Component: D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) CAS-No. 18472-51-0

Mobility

Water

The product is water soluble.

12.5. Results of PBT and vPvB assessment

Component: D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) CAS-No. 18472-51-0

Results of PBT and vPvB assessment

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Result

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6. Other adverse effects Data for the product Additional ecological information

Harmful to aquatic life with long lasting effects. Do not flush into surface water or sanitary sewer system.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Eliminate waste in conditions authorized by the regulations. Store waste in containers provided for this purpose. Do not dump in drains, water sheets or the ground.

Contaminated packaging

Dispose of contaminated packaging in the same way as the product.

European Waste Catalogue Number

No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14. TRANSPORT INFORMATION

Not dangerous goods for ADR, RID, IMDG and IATA

14.1. UN number ----

14.2. UN proper shipping name ----

14.3. Transport hazard class(es) ----

14.4. Packaging group ----

14.5. Environmental hazards -----

14.6. Special precautions for user -----

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

15. REGULATORY INFORMATION

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

Data for the product

As a principal rule, persons under 18 years are not allowed to work with this substance.

15.2. Chemical safety assessment

No data available

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H318 Causes serious eye damage.

H319 Causes severe eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.