CorpuCid

Treatment Solution for Dispenser Systems

High performing ready to use treatment solution for miscea dispensing systems

- Free from alcohol, quaternary ammonium compounds, aldehydes and phenols
- Deodorizing and odorless

Product description

miscea CorpuCid is a high-performance ready to use treatment solution designed for the disinfection and cleaning of the internal dispensing tubes of miscea sensor faucet systems. Regular treatment supports optimal system hygiene and ensures safe and reliable operation of the dispenser system. It is an alcohol-free, aldehyde-free and phenol-free formulation with broad antimicrobial efficacy.

CorpuCid demonstrates a broad spectrum of disinfectant activity:

Bactericidal – effective against bacteria
Yeasticidal – effective against yeasts
Tuberculocidal (mycobacteria) – effective against **Mycobacterium species**
Virucidal (limited) – active against enveloped viruses such as SARS-CoV-2, influenza, BVDV, vaccinia, HIV, HCV and HBV (Efficacies supported by VAH and EN/CEN standards)

Usage and dosage

For correct preparation and application within the miscea system, please follow the dedicated instruction guide.

Scan the QR code for the instructional Video

Packaging sizes

- 1000 ml vacuum sealed pouch
- 1000 ml bottle

Composition

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (0.375g/100g CAS: 2372-82-9).

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SECTION 1: Identification of the substance or of the mixture and the company

1.1 Product identifier

Trade name: Corpucid 2000 RTU

UFI: 9VA4-3AP4-TT2K-A6A3

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

General use: Surface disinfectant

Biocide

1.3 Details of the supplier providing the safety data sheet

Company name: Miscea GmbH
Street/PO Box: Hauptstraße 2
ZIP / City: 14979 Großbeeren
Deutschland
WWW: http://www.miscea.com
Phone: +49 (0) 33701355350
Fax:
Information provided by: E-Mail: berlin@miscea.com

Hersteller: IVN Nettetal GmbH
Herrenpfad-Süd 31
41334 Nettetal
Germany
http://www.corpusan.com

1.4 Emergency number

Telephone: +49 (0) 2157 12 36 82
GIZ-Nord, Göttingen, Germany
Telephone: +49 551-19240

SECTION 2: Potential Dangers

2.1 Classification of the substance or mixture

Classification according to EC Regulation 1272/2008 (CLP)

Aquatic Chronic 3; H412 Harmful to aquatic life with long-lasting effects.

2.2 Identification elements

Labelling (CLP)

Hazard warnings:	H412	Harmful to aquatic life with long-lasting effects.
Safety instructions:	P273	Avoid release into the environment.
	P501	Dispose of contents/container at a hazardous waste disposal facility.

Special marking

Note for labels: :

Registration number:
Contains: 3 g/kg N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Product type 2: Disinfectants and algaecides not intended for direct application intended for use in humans and animals
Product type 3: Hygiene in the veterinary sector
Product type 4: Food and feed sector

Use biocidal products with care. Always read the label and product information before use.

2.3 Other hazards

Particular risk of slipping due to leaking/spilled product.

Endocrine-damaging properties, results of PBT and vPvB assessment:

No data available

SECTION 3: Composition/Information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterization:

Aqueous solution.

Dangerous ingredients:

Identifiers	Designation classification	Salary
REACH 01-2119980592-29-xxxx EC No. 219-145-8 CAS 2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine Acute Tox. 3; H301. Skin Corr. 1B; H314. STOT RE 2; H373. Aquatic Acute 1; H400. Aquatic Chronic 1; H410. M-factors: Aquatic Acute 1: M = 10.	0.25 - 0.3%

Wording of the H and EUH hazard statements: see section 16.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

When inhaled: If breathing difficulties occur, take the affected person to fresh air and keep them calm in a position that facilitates breathing. Consult a doctor if symptoms persist.

After skin contact: Wash affected areas with soap and water. Change contaminated clothing.
Consult a doctor if skin reactions occur.

After eye contact: Immediately rinse with running water for 10 to 15 minutes with eyelids open. Remove contact lenses if present and easy to do. Continue rinsing. Consult an ophthalmologist if eye irritation occurs.

After swallowing: Rinse mouth. Never give anything to an unconscious person by mouth. Consult a doctor.

4.2 Most important acute and delayed symptoms and effects

No data available

4.3 Indications of immediate medical assistance or special treatment

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents: water spray jet, foam, dry powder, carbon dioxide.

Unsuitable extinguishing agents for safety reasons:

Full jet of water

5.2 Special hazards arising from the substance or mixture

In case of fire, dangerous combustion gases and vapors can be produced.

Furthermore, the following can be produced: nitrogen oxides (NOx), carbon monoxide and carbon dioxide

5.3 Instructions for fire fighting

Special protective equipment for firefighting:

Use an independent breathing apparatus.

Additional information: Avoid the ingress of extinguishing water into surface water or groundwater.

SECTION 6: Measures in case of accidental release

6.1 Personal precautions, protective equipment and procedures to be used in emergencies

Avoid contact with the substance.

Avoid inhaling mist/vapors/aerosols. Ensure adequate ventilation.

Wear appropriate protective equipment.

6.2 Environmental protection measures

Do not allow to enter groundwater, bodies of water or sewage systems.

Notify the relevant authorities if necessary.

6.3 Methods and materials for containment and cleaning

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder) and then dispose of in a closed container.

Never put spilled product into the original container for reuse.

Additional information: Particular risk of slipping due to leaking/spilled product.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: Handling and Storage

7.1 Protective measures for safe handling

Instructions for safe handling:

Do not get into eyes, on skin, or on clothing. Ensure good ventilation of storage and work areas. Avoid inhaling mist/vapors/aerosol. Wear appropriate protective equipment.

Do not eat, drink, or smoke while using. Wash hands thoroughly after use.

7.2 Conditions for safe storage, taking into account incompatibilities

Requirements for storage rooms and containers:

Store in a tightly closed container in a cool, dry place.

Storage instructions:

Keep away from food, drinks and animal feed.

Storage class: 12 = Non-flammable liquids that cannot be assigned to any of the aforementioned LGK

7.3 Specific end applications

No information is available.

SECTION 8: Limitation and monitoring of Exposure/Personal Protective Equipment

8.1 Parameters to be monitored

Workplace exposure limits:

CAS No. Description	type	limit
2372-82-9 N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	Germany: TRGS 900 Short-term	0.4 mg/m³ (inhalable fraction)
	Germany: TRGS 900 Long-term	0.05 mg/m³ (inhalable fraction)

8.2 Limiting and monitoring exposure

Ensure good ventilation of the workroom and/or an extraction system at the workplace.

Personal protective equipment

Limiting and monitoring exposure at the workplace

Respiratory protection: If the occupational exposure limits (OELs) are exceeded, respiratory protection equipment must be worn. Wear respiratory protection if ventilation is insufficient.
The respiratory protection filter class must be adapted to the maximum pollutant concentration (gas/vapor/aerosol/particles) that may occur when handling the product.

Hand protection: Protective gloves according to DIN EN ISO 374:1.
The manufacturer's specifications for the protective gloves regarding permeability and breakthrough times must be observed.

Eye protection: Tightly sealing safety goggles in accordance with DIN EN ISO 16321-1:2022.

Body protection: Wear appropriate protective clothing at work.

Protective and hygiene measures:

Avoid inhaling mist/vapors/aerosol. Do not allow it to come into contact with eyes, skin, or clothing.
Do not eat, drink or smoke while using.
Wash hands thoroughly after use.

Limiting and monitoring environmental exposure

See "6.2 Environmental Protection Measures".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of matter at 20 °C and 101.3 kPa: fluid

Color:	No data available
Odor:	characteristic
Odor threshold:	No data available
Melting point/freezing point:	No data available
Boiling point and boiling range:	100 °C (water)
Flammability:	No data available
Upper/lower flammability or explosion limits:	No data available
Flash point/flame range:	No data available
Decomposition temperature:	No data available
PH value:	No data available
Kinematic viscosity:	No data available
Water solubility:	soluble
Partition coefficient n-octanol/water:	No data available
Vapor pressure:	No data available
Density:	No data available
Vapor density:	No data available
Particle properties:	Not applicable

9.2 Other information

Explosive properties:	No data available
Oxidizing properties:	No data available
Auto-ignition temperature:	No data available
Water content:	98.5 - 99.5
Evaporation rate:	No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity

See subsection "Possibility of dangerous reactions".

10.2 Chemical stability

The product is stable under normal storage conditions.

10.3 Possibility of dangerous reactions

No dangerous reactions occur when handled and stored as intended.

10.4 Conditions to be avoided

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are formed if the storage and handling regulations are observed.

Thermal decomposition: No data available

SECTION 11: Toxicological Information

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

Toxicological effects: The statements are derived from the properties of the individual components. No toxicological data are available for the product as a whole.

Acute toxicity (oral): Data missing.
Acute toxicity (dermal): Data missing.
Acute toxicity (inhalation): No data available.
Skin corrosion/irritation: No data available.
Severe eye damage/irritation: Data missing.
Respiratory sensitization: Data is lacking.
Skin sensitization: Data is lacking.
Germ cell mutagenicity/genotoxicity: Data missing.
Carcinogenicity: Data missing.
Reproductive toxicity: Data is lacking.
Effects on and via breast milk: Data are lacking.
Specific target organ toxicity (single exposure): Data missing.
Specific target organ toxicity (repeated exposure): Data missing.
Aspiration hazard: Missing data.

11.2 Information on other hazards

Endocrine-damaging properties:

No data available

Other Information: Information about N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (CAS 2372-82-9):
LD50 rat, oral: 261 mg/kg (OECD 401)
LD50 rat, dermal: 600 mg/kg (OECD 402)

SECTION 12: Environmental Information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long-lasting effects.

Information about N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (CAS 2372-82-9):

Fish toxicity:

LC50 Danio rerio (zebrafish): 0.431 mg/L/96h (OECD 203)

Daphnia toxicity:

EC50 Daphnia magna (Large Water Flea): 0.078 mg/L/48h

NOEC Daphnia magna (Great Water Flea): 0.04 mg/L/48h

Algal toxicity:

EC50 Pseudokirchneriella subcapitata (green algae): 0.015 mg/L/72h (OECD 201)

NOEC Pseudokirchneriella subcapitata (green algae): 0.009 mg/L/72h (OECD 201)

Water hazard class:

1 = slightly hazardous to water

12.2 Persistence and Degradability

Other information: No data available

12.3 Bioaccumulation potential

Partition coefficient n-octanol/water:

No data available

12.4 Mobility in the soil

No data available

12.5 Results of the PBT and vPvB assessment

No data available

12.6 Endocrine-damaging properties

No data available

12.7 Other harmful effects

General information: Do not allow large quantities to enter bodies of water or the sewer system.

SECTION 13: Disposal Information

13.1 Waste treatment procedures

product

Waste code number: 07 06 01* = Aqueous washing liquids and mother liquors

* = Disposal must be documented.

Recommendation: Disposal in accordance with official regulations.

Packaging

Recommendation: Dispose of in accordance with official regulations. Uncontaminated and completely empty packaging can be recycled.

SECTION 14: Transport Information

14.1 UN number or ID number

ADR/RID, IMDG, IATA-DGR:
omitted

ADN:
ID 9006

14.2 Proper UN shipping name

ADR/RID, IMDG, IATA-DGR:
Not restricted

ADN:
ID 9006, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NAG

14.3 Transport hazard classes

ADR/RID, IMDG, IATA-DGR:
omitted

ADN:
Class 9, Code: M12

14.4 Packaging group

ADR/RID, ADN, IMDG, IATA-DGR:
omitted

14.5 Environmental hazards

Environmentally hazardous:
The substance/mixture is not hazardous to the environment according to the criteria of the UN Model Regulations.

Marine pollutant - IMDG:
no

14.6 Special precautions for the user

Inland waterway transport (ADN)

Hazard labels: -

Transport permitted: T

Equipment required: PP

14.7 Shipping of bulk cargo by sea in accordance with IMO instruments

No data available

SECTION 15: Legal Regulations

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

National regulations - Germany

Storage class:
12 = Non-flammable liquids that cannot be assigned to any of the aforementioned LGK

Water hazard class:
1 = slightly hazardous to water

Other rules, restrictions and regulations:
No data available

National regulations - EC member states

Other rules, restrictions and regulations:

Restriction of use according to REACH Annex XVII No.: 3, 75

15.2 Chemical Safety Assessment

No chemical safety assessment is required for this mixture.

SECTION 16: Other information

Classification procedure: Health hazards, environmental hazards: Calculation method

Wording of the H-statements under sections 2 and 3:

H301 = Toxic if swallowed.
H314 = Causes severe skin burns and eye damage.
H373 = May cause damage to organs through prolonged or repeated exposure.
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.

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Data sheet issuing department:

See section 1: Information-providing area

Abbreviations and acronyms: Acute Tox.: Acute toxicity
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AGW: Workplace exposure limit
Aquatic Acute: Hazardous to water bodies - acute
Aquatic Chronic: Hazardous to water bodies - chronic
AS/NZS: Australian/New Zealand Standard
CAS: Chemical Abstracts Service CFR:
Code of Federal Regulations CLP:
Classification, Labelling and Packaging DMEL: Derived Minimum
Effect Level DNEL: Derived No Effect Level EC50: Effective Concentration 50% EC:
European Community EN: European Standard EQ: Exempt
Quantities EU: European Union IATA:
International Air Transport Association
IATA-DGR: International Air
Transport Association -
Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment
of Ships Designed to Carry Dangerous Chemicals in Bulk IMDG Code: International Maritime Dangerous
Goods Regulations LC50: Median Lethal Concentration LD50: Lethal Dose 50% MAK: Maximum Workplace Concentration MARPOL: International Convention for the
Prevention of Pollution from Ships M-Factor: Multiplication Factor NOEC: Concentration with
No Observed Effect OECD: Organisation
for Economic Co-operation and
Development OSHA: Occupational Safety and Health
Administration, USA PBT: Persistent, Bioaccumulative and Toxic PNEC: Estimated No-Effect Concentration REACH:
Registration, Evaluation, Authorisation
and Restriction of Chemicals RID: Regulations for the
International Carriage of Dangerous Goods by Rail Skin Corr.: Skin Corrosion STOT RE:
Specific Target Organ Toxicity - Repeated Exposure
TRGS: Technical Rules for Hazardous Substances vPvB:
Very Persistent and Very Bioaccumulative

The information in this data sheet has been compiled to the best of our knowledge and reflects the state of knowledge at the date of revision.
However, they do not guarantee compliance with certain characteristics in a legally binding sense.