

According to Regulation (EC) No 1907/2006

Medipal Chlorine Disinfectant Wipes

medipal

Version number: 2
Issued: 2023-08-15

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Medipal Chlorine Disinfectant Wipes

Article No.

S570110MPCE, M2127

UFI code

E720-2MHQ-700U-YVXG

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

Product type

Disinfectant wipes for surface disinfection.

Relevant identified uses

Cleaning and disinfecting wipes for hard surfaces. For professional users only.

1.3. Details of the supplier of the safety data sheet

Supplier

Pal Hygiene Products Limited

Street address

Unit 5B & Unit 5H, Fingal Bay Business Park

Balbriggan

K32 NY57 Co. Dublin

Ireland

Telephone

+44 (0) 1455 555 700

Email

info@palinternational.com

Manufacturer

Pal International Ltd.

Street address

Bilton Way, Lutterworth

LE17 4JA Leicestershire

United Kingdom

Telephone

+44(0)1455 555 700

Email

info@palinternational.com

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Importer

Pal Hygiene Products Limited

Street address

Unit 5B & Unit 5H, Fingal Bay Business Park
Balbriggan
K32 NY57 Co. Dublin
Ireland

Telephone

+44 (0) 1455 555 700

Email

info@palinternational.com

1.4. Emergency telephone number

112

Available outside office hours

Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Hazardous to the aquatic environment — Chronic hazard category 3

Hazard statements

H412

Description

H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to an approved waste disposal plant.

2.3. Other hazards

This product does not contain any PBT or vPvB substances. Endocrine disrupting properties: No

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Sodium chloride	7647-14-5 231-598-3 - -	0 - ≤4%	-	- - -	-
Sodium hypochlorite	7681-52-9 231-668-3 - 017-011-00-1	0.525%	Met. Corr. 1, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1	H290, H314, H318, H400, H410 M-acut=10 M-chro=1	EUH031: C ≥ 5 %

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Health injuries are not known or expected under normal use. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth with water. Drink plenty of water. Do not induce vomiting. Obtain medical attention.

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

Inhalation

Spray mist may irritate the respiratory system.

Skin contact

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Not combustible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Other

Measures in case of fire

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. If risk of water pollution occurs, notify appropriate authorities.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. If risk of water pollution occurs, notify appropriate authorities.

6.3. Methods and material for containment and cleaning up

Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wash contaminated area with water.

6.4. Reference to other sections

For waste disposal, see section 13. For personal protection, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Avoid breathing vapours/spray. Avoid contact with skin and eyes. Avoid heat.

General hygiene

Wash contaminated skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

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7.2. Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry, cool and well-ventilated place. Keep in original container. Do not store together with acids and ammonium salts. Recommended storage temperature: 5 - 25 °C

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

Appropriate engineering controls

Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye / face protection

No special protective equipment required.

Hand protection

Prolonged or repeated contact: Wear protective gloves. PVC or rubber gloves are recommended.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Keep containers tightly closed. Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid-impregnated wipe

Colour

White (clear liquid)

Odour

Slight chlorine smell

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

101 °C

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Flammability

No data available

Lower and upper explosion limit

No data available

Flash point

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

pH

8.5 - 10

Kinematic viscosity

No data available

Solubility

Completely soluble

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

1.027 - 1.032 g/cm³

Relative vapour density

No data available

Particle characteristics

Not applicable

9.2. Other information

No other information noted.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product will react with organic and inorganic compounds.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

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10.3. Possibility of hazardous reactions

Chlorine gas will be released if mixed with strong acids pH<2.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Acids, ammonium compounds, copper, nickel and iron.

10.6. Hazardous decomposition products

None at ambient temperatures.

SECTION 11: Toxicological information

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

Acute toxicity

Based on available data, the classification criteria are not met.
LD50 Oral 2 500 mg/kg

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation of aerosol may cause irritation to the upper respiratory tract. Mild irritation may occur with prolonged use on unprotected sensitive skin.

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11.2. Information on other hazards

Endocrine disrupting properties

Not applicable.

Other information

No other information noted.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Not classified.

Toxicity

Harmful to aquatic life with long lasting effects.

Acute algae toxicity

NOEC 96 hours = 21.5 mg/l (Pimephales promelas) (OECD 203)

Acute crustacean toxicity

NOEC 48 hours = 3.85 mg/l (Daphina sp) (OECD 202)

Immobilization

12.2. Persistence and degradability

Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

Bioaccumulative potential

Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility

Completely soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

Other adverse effects

None known.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of waste and residues in accordance with local authority requirements. Do NOT dispose of with acids. Do not flush down the toilet. Do not throw in the environment.

SECTION 14: Transport information

14.1. UN number

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/AND/RID).

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP).

Directive 2008/98/EC of the European Parliament and of the Council on waste.

National regulations

Observe national and local regulations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Abbreviations

LC50: Deadly concentration for 50 % of a test population (Lethal Concentration).

LD50: Lethal dose for 50 % of a test population (Lethal Dose).

EC50: The concentration of a substance that affects 50 % of a population over a given period of time (Effective Concentration).

LOEC: The lowest concentration at which effects are observed (Lowest Observed Effect Concentration).

NOEC: The concentration at which no effects are observed (No Observed Effect Concentration).

Kow: Partition coefficient octanol/water. Koc: Partitioning coefficient organic carbon/water.

PBT: Persistent, Bioaccumulative, Toxic.

vPvB: very Persistent, very Bioaccumulative.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

Phrase meaning

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3

Met. Corr. 1 - Corrosive to metals, hazard category 1

Skin Corr. 1B - Skin corrosion, hazard category 1B

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

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.