

DENKA

Safety Data Sheet

According to Regulation (EC) No. 1907/2006

Ultrabio Citrus Multi Wipes

v1.2.4 Iq1 23-12-2020

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

1.1 Product identifier

Product Name Ultrabio Citrus Multi Wipes

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

Use of the substance/mixture Biocidal product

1.3 Details of the supplier of the safety data sheet

Company DENKAUK Limited

Address Broombank Road
Sheepbridge
Chesterfield
S41 9QJ

Telephone +44 800 707 6212

Email address web@denkauk.com

Emergency telephone number +44 800 707 6212

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

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

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

For full text of H statements refer to section 16.

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects

2.2 Label elements

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

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Signal word [CLP]

-

Hazard statements [CLP]

H412 – Harmful to aquatic life with long lasting effects.

Precautionary statements [CLP]

P273 avoid release into the environment

2.3 Other hazards

No additional information available

Section 3: Composition/information on ingredients

| Name | Product Identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------------------------|--|----|--|
| Didecyldimethylammonium chloride | (CAS-No.) 7173-51-5 (E-No.) 230-525-2 (E Index-No.) 612-131-00-6 | <1 | Acute Tox. 4 (Oral) H302 Acute Tox. 4 (Dermal) H312 Skin Corr. 1B H314 Aquatic Acute 1 H400 (M=10) Aquatic Chronic 1 H410 (M=10) |

For full text of H-statements refer to section 16

Section 4: First aid measures 4.1

Description of first aid measures

First aid measures after:

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Skin contact

Wash skin with plenty of water

Eye contact

Rinse eyes with water as a precaution

Ingestion

Clean mouth with water and drink afterwards plenty of water, call a poison centre or doctor if you feel unwell.

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

No information available

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 | Water spray Dry powder Carbon dioxide Foam |
|------------------------------|---|

5.2 Special hazards arising from the substance or mixture

| | |
|--|-----------------------------|
| Hazardous decomposition products in case of fire | Toxic fumes may be released |
|--|-----------------------------|

5.3 Advice for firefighters

| | |
|---|---|
| Special protective equipment for firefighters | In the event of a fire, wear self-contained breathing apparatus. Use personal protective equipment. |
|---|---|

| | |
|---------------------|---|
| Further information | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|---------------------|---|

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

| | |
|----------------------|-----------------------------------|
| Personal precautions | Use personal protective equipment |
|----------------------|-----------------------------------|

6.2 Environmental precautions

| | |
|---------------------------|-------------------------------------|
| Environmental precautions | Avoid release into the environment. |
|---------------------------|-------------------------------------|

6.3 Methods and material for containment and cleaning up

| | |
|------------------------|---|
| Method for cleaning up | Contain spillage and collect with noncombustible absorbent material, (e.g.) sand, earth, diatomaceous earth, vermiculite) |
|------------------------|---|

| | |
|----------|---|
| Disposal | Dispose of materials or solid residues at an authorised site. |
|----------|---|

6.4 References to other sections

For personal protection refer to section 8

For disposal considerations refer to section 13

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Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure good ventilation of the workstation.
Wear personal protective equipment.
Wash hands after handling the product.
Avoid eating, drinking, and smoking in the work area.

Hygiene measures

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas

Keep in a cool, well-ventilated place. Keep containers upright to prevent leakage and do not store in heat or direct sunlight.
Do not store near acids.

Advice on common storage

Further information

Keep in original container, do not store in other packaging.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available

8.2 Exposure controls

Appropriate engineering controls

Ensure good ventilation of the work station

Hand protection

Where risk of contact with hands is likely, suitable chemical resistant gloves are recommended.

Eye protection

Where there is a risk of spray, mist or splashing, safety glasses (approved to EN166) standard are recommended.

Skin and body protection

If direct or repeated skin contact is likely, wear suitable protective clothing.

Respiratory protection

Not required under normal conditions of use.

Environmental exposure controls

Avoid release into the environment

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|-------------------|
| Appearance | Liquid |
| Colour | Colourless |
| Odour | Odourless |
| Odour threshold | No data available |
| pH | 10-11 |
| Melting point/range | Not applicable |
| Boiling point/range | No data available |
| Flash point | >65°C |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Flammability (solid, gas) | Not applicable |
| Vapour pressure | No data available |
| Relative vapour density at 20°C | No data available |
| Relative density | No data available |
| Density | 1-1.01 |
| Solubility | No data available |
| Partition coefficient n-octanol/water (Log-Pow) | No data available |
| Viscosity, kinematic | No data available |
| Viscosity, dynamic | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Explosive limits | No data available |

9.2 Other information

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

This product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

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Stable under normal conditions

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10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions, refer to section 7.

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition should not be produced.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) Not classified

Acute toxicity (dermal) Not classified

Acute toxicity (inhalation) Not classified

| Didecyldimethylammonium chloride (7173-51-5) | |
|--|--|
| LD50 oral rat | 329 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rat | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |

Skin corrosion/irritation Not classified
pH 10-11

Serious eye damage/irritation Not classified
pH 10-11

Respiratory or skin sensitisation Not classified

Germ cell mutagenicity Not classified

Carcinogenicity Not classified

Reproductive toxicity Not classified

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| | |
|------------------------|----------------|
| STOT-single exposure | Not classified |
| STOT-repeated exposure | Not classified |
| Aspiration hazard | Not classified |

Section 12: Ecological information

12.1 Toxicity

Ecology – general Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, (acute) Not classified short-term

Hazardous to the aquatic environment long-term (chronic) effects. Harmful to aquatic life with long lasting effects.

Not rapidly biodegradable

| Didecyldimethylammonium chloride (7173-51-5) | |
|--|--|
| LC50 fish 1 | 0.97 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| LC50 fish 2 | 0.49 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 Daphnia 1 | 0.057 mg/l Test organisms (species): Daphnia magna |
| EC50 Daphnia 2 | 0.029 mg/l Test organisms (species): Daphnia magna |
| LOEC (chronic) | 0.047 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | 0.021 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

12.2 Persistence and degradability

No additional information available

12.3 Bio accumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

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No additional information available

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Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/container in accordance with licenced collectors sorting instructions. Do not dispose of waste into sewer, drains, water courses or the soil.

Section 14: Transport information

In accordance with ADR/RID/IMDG/IATA/ADN

| ADR | IMDG | IATA | ADN | RID |
|--|----------------|----------------|----------------|----------------|
| 14.1 UN number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2 UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3 Transport hazard | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4 Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5 Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

14.6 Special precautions for user

Overland transport

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail Transport

Not regulated

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable

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Section 15: Regulatory information

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

EU Regulations:

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals:

Didecyldimethylammonium chloride (7173-51-5)

Didecyldimethylammonium chloride (7173-51-5)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

National Regulations:

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information

16.1 Abbreviations and acronyms:

| | |
|--------|---|
| AND | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| CAS | Chemical Abstract Services |
| CLP | Classification Labelling Packaging Regulation, Regulation (EC) No 1272/2008 |
| DNEL | Derived No Effect Level |
| EC-No. | European Community Number |
| EN | European Standard |
| IATA | International Air Transport Association |

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| | |
|-------|--|
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median Lethal Concentration |
| LD50 | Median Lethal Dose |
| NOAEC | No Observed Adverse Effect Concentration |
| NOAEL | No Observed Adverse Effect Level |
| PBT | Persistent, Bio accumulative and Toxic Substance |
| REACH | Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| vPvB | Very Persistent, and Very Bioaccumulative |

16.2 Full text of H- and EUH-Statements

| | |
|----------------------|---|
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and 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. |
| Acute Tox.4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox.4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |

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16.3 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Chronic 3

H412

This information is based on our current knowledge and is intended to describe the product for the purpose of meeting health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.