

## SAFETY DATA SHEET

### Easidose ED12 Virucidal Cleaner

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

##### 1.1. Product identifier

###### Trade name

Easidose ED12 Virucidal Cleaner

###### Product no.

ED12/1L

###### Unique formula identifier (UFI)

6P00-D06P-A00C-CJM6

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

###### Relevant identified uses of the substance or mixture

Biocide, Cleaning product

Restricted to professional users.

###### Product code (A.I.S.E.)

AISE-P314 / Surface disinfectant. Manual process.

AISE-P315 / Surface disinfectant. Spray and rinse manual process.

###### Use descriptors (REACH)

| Product category | Description |
|------------------|-------------|
|------------------|-------------|

|       |                                                                  |
|-------|------------------------------------------------------------------|
| PC 35 | Washing and Cleaning Products (including solvent based products) |
|-------|------------------------------------------------------------------|

|      |                                                      |
|------|------------------------------------------------------|
| PC 8 | Biocidal Products (e.g. Disinfectants, pest control) |
|------|------------------------------------------------------|

###### ▼ EuPCS

PP-BIO-4 / Biocidal products for food and feed area

PP-BIO-2 / Disinfectants and algacides not intended for direct application to humans or animals

###### Uses advised against

None known.

##### 1.3. Details of the supplier of the safety data sheet

###### Company and address

###### Cleenol Group Ltd.

Neville House, Beaumont Road, Banbury, Oxon,

OX16 1RB

United Kingdom

Tel: +44(0) 1295 251 721

www.cleenol.com

###### E-mail

technical.enquiries@cleenol.co.uk

###### Revision

16/10/2023

###### SDS Version

2.0

###### Date of previous version

20/09/2023 (2.0)

##### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

#### SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

##### 2.1. Classification of the substance or mixture

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Met. Corr. 1; H290, May be corrosive to metals.  
Skin Corr. 1; H314, Causes severe skin burns and eye damage.  
Eye Dam. 1; H318, Causes serious eye damage.  
Aquatic Acute 1; H400, Very toxic to aquatic life.  
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Hazard pictogram(s)



#### Signal word

Danger

#### Hazard statement(s)

May be corrosive to metals. (H290)  
Causes severe skin burns and eye damage. (H314)  
Very toxic to aquatic life with long lasting effects. (H410)

#### Precautionary statement(s)

##### General

-

##### Prevention

Do not breathe vapour/mist. (P260)  
Wear eye protection/protective gloves/protective clothing. (P280)  
Avoid release to the environment. (P273)

##### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
(P303+P361+P353)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. (P305+P351+P338)

##### Storage

-

##### Disposal

Dispose of contents/container in accordance with local regulation (P501)

#### Hazardous substances

2-aminoethanol  
didecyldimethylammonium chloride  
Potassium carbonate  
propan-2-ol

#### ▼ Additional labelling

UFI: 6P00-D06P-A00C-CJM6  
Active substance(s):  
didecyldimethylammonium chloride (7.21 g/100g)  
propan-2-ol (1.03 g/100g)

### 2.3. Other hazards

#### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

| Product/substance | Identifiers                                         | % w/w | Classification                                                  | Note |
|-------------------|-----------------------------------------------------|-------|-----------------------------------------------------------------|------|
| 2-aminoethanol    | CAS No.: 141-43-5<br>EC No.: 205-483-3<br>UK-REACH: | 5-10% | Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Skin Corr. 1B, H314 | [1]  |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

|                                  |                                                                                 |       |                                                                                                                                                                     |     |
|----------------------------------|---------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|                                  | Index No.: 603-030-00-8                                                         |       | Acute Tox. 4, H332<br>STOT SE 3, H335                                                                                                                               |     |
| didecyldimethylammonium chloride | CAS No.: 7173-51-5<br>EC No.: 230-525-2<br>UK-REACH:<br>Index No.: 612-131-00-6 | 5-10% | EUH071<br>Acute Tox. 4, H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=1)<br>Aquatic Chronic 2, H411 | [4] |
| Potassium carbonate              | CAS No.: 584-08-7<br>EC No.: 209-529-3<br>UK-REACH:<br>Index No.:               | 5-10% | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335                                                                                                        |     |
| propan-2-ol                      | CAS No.: 67-63-0<br>EC No.: 200-661-7<br>UK-REACH:<br>Index No.: 603-117-00-0   | 1-3%  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336                                                                                                         |     |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[1] European occupational exposure limit.

[4] Substance is listed in Annex I of the Prior Informed Consent Regulation (PIC, Regulation (EU) 649/2012).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

#### Skin contact

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

#### Eye contact

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

#### Ingestion

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

#### Burns

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid  
Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Halogenated compounds

Nitrogen oxides (NO<sub>x</sub>)

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact

The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

#### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Store in a container with a resistant inner liner.

##### Recommended storage material

Keep only in original packaging.

##### Storage temperature

Dry, cool and well ventilated

6 - 40°C

##### Incompatible materials

Strong acids

#### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 2-aminoethanol

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 2.5

Short term exposure limit (15 minutes) (ppm): 3

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 7.6

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

#### propan-2-ol

Long term exposure limit (8 hours) (ppm): 400

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 999

Short term exposure limit (15 minutes) (ppm): 500

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1250

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### DNEL

#### 2-aminoethanol

| Duration:                                         | Route of exposure: | DNEL:                 |
|---------------------------------------------------|--------------------|-----------------------|
| Long term – Systemic effects - General population | Dermal             | 1.5 mg/kg bw/day      |
| Long term – Systemic effects - Workers            | Dermal             | 3 mg/kg bw/day        |
| Long term – Local effects - General population    | Inhalation         | 280 µg/m <sup>3</sup> |
| Long term – Local effects - Workers               | Inhalation         | 510 µg/m <sup>3</sup> |
| Long term – Systemic effects - General population | Inhalation         | 180 µg/m <sup>3</sup> |
| Long term – Systemic effects - Workers            | Inhalation         | 1 mg/m <sup>3</sup>   |
| Long term – Systemic effects - General population | Oral               | 1.5 mg/kg bw/day      |

#### Alcohols, C16-18, ethoxylated

| Duration:                                         | Route of exposure: | DNEL:                  |
|---------------------------------------------------|--------------------|------------------------|
| Long term – Systemic effects - General population | Dermal             | 75 mg/kg bw/day        |
| Long term – Systemic effects - Workers            | Dermal             | 210 mg/kg bw/day       |
| Long term – Systemic effects - General population | Inhalation         | 3.92 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers            | Inhalation         | 22.2 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population | Oral               | 1.5 mg/kg bw/day       |

#### Potassium carbonate

| Duration:                            | Route of exposure: | DNEL:                |
|--------------------------------------|--------------------|----------------------|
| Long term – Local effects - Workers  | Inhalation         | 10 mg/m <sup>3</sup> |
| Short term – Local effects - Workers | Inhalation         | 10 mg/m <sup>3</sup> |

#### propan-2-ol

| Duration:                                          | Route of exposure: | DNEL:                 |
|----------------------------------------------------|--------------------|-----------------------|
| Long term – Systemic effects - General population  | Dermal             | 319 mg/kg bw/day      |
| Long term – Systemic effects - Workers             | Dermal             | 888 mg/kg bw/day      |
| Long term – Systemic effects - General population  | Inhalation         | 89 mg/m <sup>3</sup>  |
| Long term – Systemic effects - Workers             | Inhalation         | 500 mg/m <sup>3</sup> |
| Short term – Systemic effects - General population | Inhalation         | 178 mg/m <sup>3</sup> |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

|                                                    |            |                        |
|----------------------------------------------------|------------|------------------------|
| Short term – Systemic effects - Workers            | Inhalation | 1000 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population  | Oral       | 26 mg/kg bw/day        |
| Short term – Systemic effects - General population | Oral       | 51 mg/kg bw/day        |

**PNEC**

|                                   |                              |              |
|-----------------------------------|------------------------------|--------------|
| 2-aminoethanol                    |                              |              |
| <b>Route of exposure:</b>         | <b>Duration of Exposure:</b> | <b>PNEC:</b> |
| Freshwater                        |                              | 70 µg/L      |
| Freshwater sediment               |                              | 357 µg/kg    |
| Intermittent release (freshwater) |                              | 28 µg/L      |
| Marine water                      |                              | 7 µg/L       |
| Marine water sediment             |                              | 35.7 µg/kg   |
| Sewage treatment plant            |                              | 100 mg/L     |
| Soil                              |                              | 1.29 mg/kg   |

|                                   |                              |              |
|-----------------------------------|------------------------------|--------------|
| Alcohols, C16-18, ethoxylated     |                              |              |
| <b>Route of exposure:</b>         | <b>Duration of Exposure:</b> | <b>PNEC:</b> |
| Freshwater                        |                              | 2.845 µg/L   |
| Freshwater sediment               |                              | 68.3 mg/kg   |
| Intermittent release (freshwater) |                              | 100 µg/L     |
| Marine water                      |                              | 2.845 µg/L   |
| Marine water sediment             |                              | 68.3 mg/kg   |
| Sewage treatment plant            |                              | 1.4-4.2 mg/L |
| Soil                              |                              | 1 mg/kg      |

|                                     |                              |              |
|-------------------------------------|------------------------------|--------------|
| didecyldimethylammonium chloride    |                              |              |
| <b>Route of exposure:</b>           | <b>Duration of Exposure:</b> | <b>PNEC:</b> |
| Freshwater                          |                              | 1.1 µg/L     |
| Freshwater sediment                 |                              | 61.86 mg/kg  |
| Intermittent release (freshwater)   |                              | 210 ng/L     |
| Intermittent release (marine water) |                              | 21 ng/L      |
| Marine water                        |                              | 110 ng/L     |
| Marine water sediment               |                              | 6.186 mg/kg  |
| Sewage treatment plant              |                              | 140 µg/L     |
| Soil                                |                              | 1.4 mg/kg    |

|                                   |                              |              |
|-----------------------------------|------------------------------|--------------|
| propan-2-ol                       |                              |              |
| <b>Route of exposure:</b>         | <b>Duration of Exposure:</b> | <b>PNEC:</b> |
| Freshwater                        |                              | 140.9 mg/L   |
| Freshwater sediment               |                              | 552 mg/kg    |
| Intermittent release (freshwater) |                              | 140.9 mg/L   |
| Marine water                      |                              | 140.9 mg/L   |
| Marine water sediment             |                              | 552 mg/kg    |
| Predators                         |                              | 160 mg/kg    |
| Sewage treatment plant            |                              | 2.251 g/L    |
| Soil                              |                              | 28 mg/kg     |

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment

#### Generally

Wash contaminated clothing before reuse.

Use only UKCA marked protective equipment.

#### Respiratory Equipment

| Type                              | Class | Colour | Standards |
|-----------------------------------|-------|--------|-----------|
| No special when used as intended. |       |        |           |

#### Skin protection

| Recommended                             | Type/Category | Standards |
|-----------------------------------------|---------------|-----------|
| Dedicated work clothing should be worn. | -             | -         |



#### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|-----------|
| Gloves   | -                    | > 360                    | EN374     |



#### Eye protection

| Type           | Standards |
|----------------|-----------|
| Safety glasses | EN166     |



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

Red

#### Odour / Odour threshold

Sharp/pungent

#### pH

12.5 - 13.5

## Density (g/cm<sup>3</sup>)

-

## Relative density

1.05 (20 °C)

## Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

## Dynamic viscosity

30 mPa.s (20 °C)

## Particle characteristics

Does not apply to liquids.

## Phase changes

### Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

### Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

### Vapour pressure

Testing not relevant or not possible due to the nature of the product.

### Relative vapour density

Testing not relevant or not possible due to the nature of the product.

### Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

## Data on fire and explosion hazards

### Flash point (°C)

68

### Flammability (°C)

The material is not combustible.

### Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

### Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

## Solubility

### Solubility in water

Completely soluble

### n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

### Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

## 9.2. Other information

### Other physical and chemical parameters

No data available.

### Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Extremes of temperature

Storage in the open is not recommended.

Sunlight

### 10.5. Incompatible materials

Strong acids

#### 10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

### 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.

##### Skin corrosion/irritation

Causes severe skin burns and eye damage.

##### Serious eye damage/irritation

Causes serious eye damage.

##### Respiratory sensitisation

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

##### 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.

#### 11.2. Information on other hazards

##### Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

##### ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

##### Other information

propan-2-ol has been classified by IARC as a group 3 carcinogen.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 8 – Corrosive

HP 14 – Ecotoxic

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

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

Not applicable.

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

|      | 14.1<br>UN / ID | 14.2<br>UN proper shipping name                                                                  | 14.3<br>Hazard class(es)                                                                                                                                | 14.4<br>PG* | 14.5<br>Env** | Other<br>information:                                                                                           |
|------|-----------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-----------------------------------------------------------------------------------------------------------------|
| ADR  | UN1903          | DISINFECTANT, LIQUID, CORROSIVE,<br>N.O.S. (2-aminoethanol,<br>didecyldimethylammonium chloride) | Transport hazard class: 8<br>Label: 8<br>Classification code: C9<br> | II          | Yes           | Limited<br>quantities: 1 L<br>Tunnel<br>restriction<br>code: (E)<br>See below for<br>additional<br>information. |
| IMDG | UN1903          | DISINFECTANT, LIQUID, CORROSIVE,<br>N.O.S. (2-aminoethanol,<br>didecyldimethylammonium chloride) | Transport hazard class: 8<br>Label: 8<br>Classification code: C9<br> | II          | Yes           | Limited<br>quantities: 1 L<br>EmS: F-A S-B<br>See below for<br>additional<br>information.                       |
| IATA | UN1903          | DISINFECTANT, LIQUID, CORROSIVE,<br>N.O.S. (2-aminoethanol,<br>didecyldimethylammonium chloride) | Transport hazard class: 8<br>Label: 8<br>Classification code: C9<br> | II          | Yes           | See below for<br>additional<br>information.                                                                     |

\* Packing group

\*\* Environmental hazards

### Additional information

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

This product is within scope of the regulations of transport of dangerous goods.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 100 tonnes / (upper-tier): 200 tonnes

#### Biocidal Products Regulations

Product type: PT2 - Disinfectants and algacides not intended for direct application to humans or animals, PT4 - Food and feed area

#### Restrictions on use

-

#### Directions for use and dose rate

-

#### Additional information

-

#### Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

· Non-ionic surfactants

· Disinfectants

#### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### Sources

The Management of Health and Safety at Work Regulations 1999.

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Control of Major Accident Hazards (COMAH) Regulations 2015.

In accordance with Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law.

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H071, Corrosive to the respiratory tract.

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H312, Harmful in contact with skin.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

H314, Causes severe skin burns and eye damage.  
H315, Causes skin irritation.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H332, Harmful if inhaled.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.  
H400, Very toxic to aquatic life.  
H410, Very toxic to aquatic life with long lasting effects.  
H411, Toxic to aquatic life with long lasting effects.

### The full text of identified uses as mentioned in section 1

PC 35 = Washing and Cleaning Products (including solvent based products)

PC 8 = Biocidal Products (e.g. Disinfectants, pest control)

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

▼ The safety data sheet is validated by  
Regulatory Chemist

Other



**For a cleaner, safer world**

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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