



# SELGIENE ULTRA

CODE : C066

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Revision date: 15/02/2020 Version: 10.2

Generated : 14/02/2020

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : SELGIENE ULTRA  
Product code : C066  
Type of product : Detergent

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Disinfectant-cleaner

##### 1.2.2. Uses advised against

No additional information available

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

SELDEN RESEARCH LIMITED

STADEN LANE, BUXTON, DERBYSHIRE, SK17 9RZ, UNITED KINGDOM  
Tel: 01298 26226 Fax: 01298 26540 Email: safety@selden.co.uk

#### 1.4. Emergency telephone number

Emergency number Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

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

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

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides; dicyldimethylammonium chloride; Alcohol Alkoxylate  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling.  
P280 - Wear eye protection, protective gloves.  
P302+P352 - IF ON SKIN: Wash with plenty of soap, water.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER, a doctor.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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## 3.2. Mixtures

| Name  | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|---|-------|---|
| Alcohol Alkoxylate  | (CAS-No.) 166736-08-9   | 1 - 5 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318   |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | (CAS-No.) 68424-85-1<br>(EC-No.) 270-325-2<br>(REACH-no) 01-2119965180-41 | 1 - 5 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400<br>Aquatic Chronic Not classified |
| didecyldimethylammonium chloride                                      | (CAS-No.) 7173-51-5<br>(EC-No.) 230-525-2<br>(EC Index-No.) 612-131-00-6  | 1 - 5 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318  |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Get medical advice/attention if you feel unwell.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash with plenty of water/....   |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : May cause respiratory irritation.   |
| Symptoms/effects after skin contact | : Repeated exposure may cause skin dryness or cracking.   |
| Symptoms/effects after eye contact  | : Causes eye irritation.  |
| Symptoms/effects after ingestion    | : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

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

No additional information available

## 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

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

## 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

## 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

## 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Collect spillage.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

## 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Avoid contact with eyes.                            |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. |

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

|                            |   |
|----------------------------|---|
| Technical measures         | : Does not require any specific or particular technical measures. |
| Storage conditions         | : Keep container closed when not in use.                          |
| Incompatible products      | : Oxidizing agent. Strong acids. Strong bases.                    |
| Special rules on packaging | : Keep only in original container.                                |

**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****Materials for protective clothing:**

Not required for normal conditions of use

**Hand protection:**

Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves

**Eye protection:**

Safety glasses. EN 166

**Skin and body protection:**

Not required for normal conditions of use

**Respiratory protection:**

Not required for normal conditions of use

**Personal protective equipment symbol(s):****SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Appearance                                 | : Liquid.           |
| Colour                                     | : Purple.           |
| Odour                                      | : Floral.           |
| Odour threshold                            | : No data available |
| pH   | : 10                |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |
| Freezing point                             | : No data available |
| Boiling point                              | : >= 100 °C         |
| Flash point                                | : No data available |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : No data available |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : 1.04              |
| Solubility                                 | : Soluble in 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 |

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**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

Stable under normal conditions.

**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 (see section 7).

**10.5. Incompatible materials**

None under normal use.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products 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                       |
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 10    |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 10 |
| Respiratory or skin sensitisation | : Not classified                       |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |
| Reproductive toxicity             | : Not classified                       |
| STOT-single exposure              | : Not classified                       |
| STOT-repeated exposure            | : Not classified                       |
| Aspiration hazard                 | : Not classified                       |

**SECTION 12: Ecological information****12.1. Toxicity**

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

**Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)**

|               |        |
|---------------|--------|
| ErC50 (algae) | < mg/l |
|---------------|--------|

**Alcohol Alkoxylate (166736-08-9)**

|                              |                 |
|------------------------------|-----------------|
| LC50 fish 1                  | > 10 - 100 mg/l |
| EC50 Daphnia 1               | > 10 - 100 mg/l |
| ErC50 (other aquatic plants) | > 10 - 100 mg/l |

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative 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**

No additional information available

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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

No additional information available

**SECTION 14: Transport information**

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

**14.1. UN number**

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

**14.2. UN proper shipping name**

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

**14.3. Transport hazard class(es)****ADR**

Transport hazard class(es) (ADR) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not applicable

**IATA**

Transport hazard class(es) (IATA) : Not applicable

**14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

**14.6. Special precautions for user****Overland transport**

No data available

**Transport by sea**

No data available

**Air transport**

No data available

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. 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)

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

Allergenic fragrances > 0,01%:

ALPHA-ISOMETHYL IONONE  
 HYDROXYCITRONELLAL  
 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE  
 HEXYL CINNAMAL  
 BENZYL SALICYLATE

Detergent Regulation : Labelling of contents:

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| Component                                    | %   |
|--|-----|
| cationic surfactants, non-ionic surfactants  | <5% |
| disinfectants                                |     |
| perfumes                                     |     |
| ALPHA-ISOMETHYL IONONE                       |     |
| HYDROXYCITRONELLAL                           |     |
| HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE |     |
| HEXYL CINNAMAL                               |     |
| BENZYL SALICYLATE                            |     |

**15.1.2. National regulations**

No additional information available

**15.2. Chemical safety assessment**

No additional information available

**SECTION 16: Other information**

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                    |
| Aquatic Acute 1                     | Hazardous to the aquatic environment — Acute Hazard, Category 1      |
| Aquatic Chronic Not classified      | Hazardous to the aquatic environment - Chronic Hazard Not classified |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                        |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                        |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1B                               |
| H302                                | Harmful if swallowed.  |
| H314                                | Causes severe skin burns and eye damage.                             |
| H315                                | Causes skin irritation.  |
| H318                                | Causes serious eye damage.   |
| H319                                | Causes serious eye irritation.                                       |
| H400                                | Very toxic to aquatic life.  |

SDS EU (REACH Annex II)

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