



# H5S - S-CONC ACIDIC W/ROOM CLEAN & DISINFECT

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

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H5S - S-CONC ACIDIC W/ROOM CLEAN & DISINFECT

H5S

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : H5S - S-CONC ACIDIC W/ROOM CLEAN & DISINFECT  
Product code : H5S  
Type of product : Technical product

#### 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 : Hard surface cleaner for washrooms

##### 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]

Acute Tox. 4 (Oral) H302  
Skin Irrit. 2 H315  
Eye Dam. 1 H318

Full text of H-phrases: see section 16

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) : Danger  
Hazardous ingredients : Laureth-7, 2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides  
Hazard statements (CLP) : H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
Precautionary statements (CLP) : P264 - Wash hands thoroughly after handling  
P280 - Wear eye protection  
P301+P312 - IF SWALLOWED: Call a doctor if you feel unwell  
P302+P352 - IF ON SKIN: Wash with plenty of soap, water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

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**3.2. Mixture**

| Name  | Product identifier  | %      | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|---|--------|--|--|
| Citric acid   | (CAS No) 77-92-9<br>(EC no) 201-069-1<br>(REACH-no) 01-2119457026-42    | 5 - 15 | Xi; R36  | Eye Irrit. 2, H319   |
| Laureth-7   | (CAS No) 160901-19-9  | 5 - 15 | Xn; R22<br>Xi; R41                               | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318  |
| 2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve    | (CAS No) 111-76-2<br>(EC no) 203-905-0<br>(EC index no) 603-014-00-0    | 5 - 15 | Xn; R20/21/22<br>Xi; R36/38                      | Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315 |
| 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  | Xn; R22<br>C; R34<br>N; R50                      | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400  |

Full text of R- and H-phrases: 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 soap and 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/injuries after inhalation   | : May cause respiratory irritation.   |
| Symptoms/injuries after skin contact | : Repeated exposure may cause skin dryness or cracking.   |
| Symptoms/injuries after eye contact  | : Causes eye irritation.  |
| Symptoms/injuries 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.

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### 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.

#### 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 : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Not required for normal conditions of use  
Respiratory protection : Not required for normal conditions of use



### 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 : 2.7  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
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 : 1.03  
Solubility : No data available  
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

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

No additional information available

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

No additional information available

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity : Oral: Harmful if swallowed.

|                |                           |
|----------------|---------------------------|
| ATE CLP (oral) | 1878.660 mg/kg bodyweight |
|----------------|---------------------------|

Skin corrosion/irritation : Causes skin irritation.  
pH: 2.7Serious eye damage/irritation : Causes serious eye damage.  
pH: 2.7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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

| <b>Citric acid (77-92-9)</b>  |                        |
|---|------------------------|
| LC50 fishes 1   | > 100 mg/l             |
| EC50 other aquatic organisms 1  | 85 mg/l                |
| EC50 other aquatic organisms 2  | IC50 algae (72 h) mg/l |
| <b>Laureth-7 (160901-19-9)</b>  |                        |
| LC50 other aquatic organisms 1  | > 1 (1 - 10) mg/l      |
| EC50 Daphnia 1  | > 1 (1 - 10) mg/l      |
| ErC50 (algae)   | > 1 (1 - 10) mg/l      |
| <b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)</b> |                        |
| ErC50 (algae)   | < mg/l                 |

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

| <b>Citric acid (77-92-9)</b> |       |
|------------------------------|-------|
| Log Pow                      | -1.64 |

**12.4. Mobility in soil**

No additional information available

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

No additional information available

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**12.6. Other adverse effects**

No additional information available

**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**

Not regulated for transport

**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 73/78 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 substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

**15.1.2. National regulations****Germany**

VwVwS Annex reference : Water hazard class (WGK) 2, hazardous to water (Classification according to VwVwS, Annex 4)

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12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

|                           |   |
|---------------------------|---|
| Acute Tox. 4 (Dermal)     | Acute toxicity (dermal), Category 4                             |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4                             |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4                               |
| Aquatic Acute 1           | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| 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                          |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2                           |
| H302                      | Harmful if swallowed  |
| H312                      | Harmful in contact with skin                                    |
| 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  |
| H400                      | Very toxic to aquatic life                                      |

SDS EU

*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*