

**SAFETY DATA SHEET**  
CHEMGENE HLD4L Laboratory Surface Disinfectant

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**Compilation date:** 31/07/2020

**Revision No:** 1

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

**1.1. Product identifier**

**Product name:** CHEMGENE HLD4L Laboratory Surface Disinfectant

**Product code:** XTM305 and XTM309

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

**Use of substance / mixture:** Specialised cleaner and disinfectant.

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

**Company name:** Medimark Scientific Ltd

Unit 4 East Point

Seal

TN15 0EG

United Kingdom

**Tel:** +44 (0) 1732 763555

**Email:** [info@medi-mark.co.uk](mailto:info@medi-mark.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** British Poison Information

National Response centre: NHS Direct

Telephone Number: +44 111

Poisons Information Centre of Ireland

+353 (0) 504 43169 (9am – 5pm)

Beaumont Hospital, PO Box 1297, Beaumont Road, Dublin 9, Ireland

Emergency Phone No: Members of the public +353 (01) 809 2166 (8.00 am to 10.00 pm, 7 days per week) Healthcare professionals: +353 (01) 809 2566 (24 hours service)

**Section 2: Hazards identification**

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

**Classification under CLP:** Aquatic Chronic 3: H412; Skin Corr. 1B: H314

**Most important adverse effects:** Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects

**2.2 Label Elements**

**Label elements:**

**Hazard Statements:** H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects.

[cont...]

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**Hazard Pictograms:** GHS05: Corrosion, GHS09: Environmental



**Signal Words:** Danger

### Precautionary Statements:

P273: Avoid release to the environment.

P280: Wear protective gloves and eye protection.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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.

P501: Dispose of contents/container in accordance with local, state or national legislation.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES

EINECS	CAS	PBT / WEL	CLP Classification	Percent
270-325-2	68424-85-1	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	1-5%

BIS (3-AMINOPROPYL) DODECYLAMINE

-	2372-82-9	-	Skin Corr. 1B: H314; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H302	1-5%
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DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	1-5%
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ALCOHOLS C9-C11 ETHOXYLATED

-	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-5%
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CHLORHEXIDINE DIGLUCONATE

-	18472-51-0	-	Aquatic Chronic 1: H410; Eye Dam. 1: H318	<1%
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**Contains:** Benzalkonium chloride

## Section 4: First aid measures

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### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Take off immediately all contaminated clothing and wash before reuse. If irritation develops seek medical advice.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical advice.

**Inhalation:** Remove victim to fresh air and seek medical attention if symptoms occur.

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

**Skin contact:** Blistering may occur. There may be mild irritation at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. May cause permanent damage.

**Ingestion:** Blistering may occur. There may be irritation and redness at the site of contact.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** Not applicable.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required. Use in a well ventilated area.

**Hand protection:** Nitrile gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Not applicable.

**Environmental:** No special requirement.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless to pale yellow

**Odour:** None

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Soluble.

**Viscosity:** No data available.

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** No data available.

**pH:** 7-8

**VOC g/l:** No data available.

### 9.2. Other information

**Other information:** No data available.

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### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** No data available.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

**Hazardous ingredients:**

**DIDECYLDIMETHYLAMMONIUM CHLORIDE**

IPR	RAT	LD50	45	mg/kg
ORL	MUS	LD50	268	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

#### Symptoms / routes of exposure

**Skin contact:** Blistering may occur. There may be mild irritation at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. May cause permanent damage.

**Ingestion:** Blistering may occur. There may be irritation and redness at the site of contact.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### Section 12: Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

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**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1760

**14.2. UN proper shipping name**

**Shipping name:** CORROSIVE LIQUID, N.O.S. (Quaternary Ammonium Compounds)

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

**Transport class:** 8

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E Transport  
category: 3

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

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## 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H318: Causes serious eye damage.  
H373: May cause damage to organs through prolonged or repeated exposure. State route of exposure if it is conclusively proven that no other routes of exposure cause the hazard  
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.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

