

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

## SAFETY DATA SHEET



Cavex ImpreSafe

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

#### Product identifier

**Product name** : Cavex ImpreSafe

**Other means of identification** : None.

**Product type** : Liquid.

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

**Identified uses** : Disinfectant.

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

##### National contact

Cavex Holland  
Fustweg 5  
2031 CJ Haarlem  
The Netherlands

T +31 23 530 7700 E-Mail : dental@cavex.nl  
F +31 23 535 6482 Website : www.cavex.nl

#### Local Supplier Contact Details



Unit 1, 27-29 Salisbury Rd, Hornsby, NSW 2077 Australia  
P: (+612) 9987 4224 F: (+612) 9476 6629 | E: sales@w9.com.au W: www.w9.com.au  
ABN: 82 001 747 271

Contact Australian Poisons Information Centre –  
**13 11 26** (in case of emergency) **24 hours** 7 days a week

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

**Product definition** : Preparation

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

H302 - ACUTE TOXICITY: INHALATION Category 4.  
H314 - SKIN CORROSION/IRRITATION Category 1B.  
H400 - AQUATIC TOXICITY (ACUTE) Category 1.

##### Classification according to Directive 67/548/EEC [DSD]

##### Europe

Xn; R22  
C; R34  
N; R50/53

##### Classification according to Directive 1999/45/EC [DPD]

##### Europe

Xn; R22  
C; R34  
N; R50/53

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### Label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H400 - Very toxic to aquatic life.

#### Precautionary statements

**Prevention** : P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/physician.

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### SECTION 2: Hazards identification

#### Europe



Corrosive, Dangerous for the environment

- Risk phrases** : R22- Harmful if swallowed.  
R34- Causes burns.  
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Safety phrases** : S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S29- Do not empty into drains.  
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.  
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S61- Avoid release to the environment. Refer to special instructions/safety data sheet.
- Hazardous ingredients** : Alkylbenzyltrimethylammonium chloride
- Supplemental label elements** : None.

#### Other hazards

- Other hazards which do not result in classification** : None.
- Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII** : Not applicable.
- Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : Not applicable.

### SECTION 3: Composition/information on ingredients

**Substance/mixture** : Preparation

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Europe Alkylbenzyltrimethylammonium chloride	CAS: 68391-01-5 EC: 269-919-4	25-35	Xn; R22 C; R34 N; R50/53	H302, H314, H400	-

#### Type

1: Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### Description of first aid measures

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
- Inhalation** : Supply fresh air, consult a doctor in case of symptoms.
- Skin contact** : Rinse with plenty of running water. Get medical attention if irritation develops.
- Ingestion** : Do NOT induce vomiting. Rinse mouth. Have conscious person drink several glasses of water or milk. Get medical attention immediately.
- Protection of first-aiders** : Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

##### Potential acute health effects

- Eye contact** : Corrosive to eyes. Causes burns.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Corrosive to the skin. Causes burns. Harmful in contact with skin.
- Ingestion** : Harmful if swallowed. May cause burns to mouth, throat and stomach.  
LD 50 orally rat Alkylbenzyltrimethylammonium chloride: 240 mg/kg  
LD 50 dermal rat Alkylbenzyltrimethylammonium chloride: 650 mg/kg

**Date of issue/Date of revision** : 3-2-2014. **Date of previous issue** : 3-12-2009 **Version** : 1.01 2/6

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### SECTION 4: First aid measures

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

- Notes to physician** : Corrosive to eyes and skin.  
**Specific treatments** : Not available.

### SECTION 5: Firefighting measures

#### Extinguishing media

- Suitable extinguishing media** : Non-combustible. Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : None.  
**Hazardous thermal decomposition products** : No known significant effects or critical hazards.

#### Advice for firefighters

- Special protective actions for fire-fighters** : This material is toxic to aquatic organisms.  
**Special protective equipment for fire-fighters** : Nitrile gloves.  
**Additional information** : No additional remark.

### SECTION 6: Accidental release measures

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

- For non-emergency personnel** : Wear suitable gloves.  
**For emergency responders** : Wear suitable gloves.  
**Environmental precautions** : Do not allow to enter drains or watercourses.

#### Methods and materials for containment and cleaning up

- Small spill** : Absorb with liquid-binding material (sand, diatomite, universal binders etc.) or use a spill kit.  
**Large spill** : Absorb with an inert material and place in an appropriate waste disposal container.

#### Reference to other sections

- : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

### SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### Precautions for safe handling

- Protective measures** : Store in a dry place.  
**Advice on general occupational hygiene** : Store in a dry place.  
**Conditions for safe storage, including any incompatibilities** : No specific storage is required.

### SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### Control parameters

##### Occupational exposure limits

###### Europe

No exposure limit value known.

- Recommended monitoring procedures** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs/DMELs** : No DNELs/DMELs available.

**PNECs** : No PNECs available

#### Exposure controls

- Appropriate engineering controls** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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### SECTION 8: Exposure controls/personal protection

#### Individual protection measures

- Hygiene measures** : Wash thoroughly after handling.
- Eye/face protection** : Safety glasses.
- Skin protection**
- Hand protection** : Nitrile gloves.
- Body protection** : Lab coat.
- Other skin protection** : Wash with soap and water.
- Respiratory protection** : No special protection is required.
- Environmental exposure controls** : Do not allow to enter drains or watercourses.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

##### Appearance

- Physical state** : Liquid.
- Colour** : Colourless to light yellow.
- Odour** : Aromatic.
- pH** : 11.5
- Melting point/freezing point** : No results available.
- Initial boiling point and boiling range** : No results available.
- Flash point** : No results available.
- Relative density** : 1.0 g/cm<sup>3</sup>
- Solubility in water** : Easily soluble in cold water, hot water, methanol, diethyl ether, n-octanol and acetone.
- Auto-ignition temperature** : No results available.
- Decomposition temperature** : No results available.
- Viscosity** : No results available.
- Oxidising properties** : No results available.
- Other information** : No additional information.

### SECTION 10: Stability and reactivity

- Reactivity** : No additional information.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : Reactive with acids
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### Information on toxicological effects

- Acute toxicity** : Based on available data, the classification criteria are not met.
- Irritation/Corrosion** : Irritating to eyes.
- Sensitisation** : Based on available data, the classification criteria are not met.
- 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.
- Teratogenicity** : Based on available data, the classification criteria are not met.
- Potential acute health effects**
- Eye contact** : Corrosive to eyes. Causes burns.
- Inhalation** : No known significant effects or critical hazards.

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**SECTION 11: Toxicological information**

- Skin contact** : Corrosive to the skin. Causes burns. Harmful in contact with skin.
- Ingestion** : Harmful if swallowed. May cause burns to mouth, throat and stomach.  
LD 50 orally rat Alkylbenzyltrimethylammonium chloride: 240 mg/kg  
LD 50 dermal rat Alkylbenzyltrimethylammonium chloride: 650 mg/kg
- Potential chronic health effects** : No known significant effects or critical hazards.
- Other information** : No additional information.

**SECTION 12: Ecological information**

- Toxicity** : No results available.
- Persistence and degradability** : No results available.
- Bioaccumulative potential** : No results available.
- Mobility in soil** : No results available.
- Results of PBT and vPvB assessment**
- PBT** : Not applicable.
- vPvB** : Not applicable.
- Other adverse effects** :

**SECTION 13: Disposal considerations****Waste treatment methods****Product**

**Methods of disposal** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.





**Hazardous waste** : No.

**Packaging**

**Methods of disposal** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**Special precautions** : None.

**SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
<b>UN number</b>	1903	1903	1903	1903
<b>UN proper shipping name</b>	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)
<b>Transport hazard class (es)</b>	8 	8 	8 	8 
<b>Packing group</b>	III	III	III	III
<b>Environmental hazards</b>				
<b>Additional information</b>	<b>Limited quantity</b> LQ7	-	<b>Emergency schedules (EmS)</b> F-A, S-B	-

**Special precautions for user** : No special measures are required.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

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**SECTION 15: Regulatory information**

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Substances of very high concern

None of the components are listed.

National regulations

**Chemical Safety Assessment** : No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

✔ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
vPvB = Very Persistent and Very Bioaccumulative

**Key literature references and sources for data** : - Manufacturer's Material Safety Data Sheet.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
H302 - ACUTE TOXICITY: INHALATION Category 4. H314 - SKIN CORROSION/IRRITATION Category 1B. H400 - AQUATIC TOXICITY (ACUTE) Category 1.	

Europe

**Full text of abbreviated H statements** : Not applicable.  
**Full text of classifications [CLP/GHS]** : Not applicable.  
**Full text of abbreviated R phrases** : Not applicable.  
**Full text of classifications [DSD/DPD]** : C - Corrosive  
Xn - Harmful  
N - Dangerous for the environment  
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Notice to reader

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