

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

## COAST FOOD SERVICE SANITIZER II (Gallon)

Version number: GHS 5.0  
Replaces version of: 2020-11-10 (GHS 4)

Revision: 2020-12-18

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **COAST FOOD SERVICE SANITIZER II (Gallon)**  
Authorization number F803-001 EPA. Reg. No. 6836-70-50371  
Alternative number(s) CPI-803-05, F803-001, NSN# 7930-01-521-4189

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

Relevant identified uses General use  
Uses advised against Do not use for squirting or spraying. Do not use for products which come into direct contact with the skin.

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

Coast Products, Inc.  
975 Queen Street  
Honolulu HI 96814  
United States

Telephone: 808-593-8709  
e-mail: <http://coast-products.com/>

#### 1.4 Emergency telephone number

**Emergency information service** 800-535-5053  
**National Poison Center** 800-222-1222

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Section | Hazard class                      | Category | Hazard class and category | Hazard statement |
|---------|-----------------------------------|----------|---------------------------|------------------|
| A.2     | skin corrosion/irritation         | 1A       | Skin Corr. 1A             | H314             |
| A.3     | serious eye damage/eye irritation | 1        | Eye Dam. 1                | H318             |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word danger

- Pictograms

GHS05



- Hazard statements

H314 Causes severe skin burns and eye damage.

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### - Precautionary statements

|                |  |
|----------------|--|
| P260           | Do not breathe dusts or mists.   |
| P280           | Wear eye protection/face 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/shower.                              |
| P304+P340      | If inhaled: Remove person to fresh air and keep comfortable for breathing.   |
| 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/doctor.   |
| P321           | Specific treatment (see on this label).  |
| P363           | Wash contaminated clothing before reuse.   |
| P405           | Store locked up.   |
| P501           | Dispose of contents/container to industrial combustion plant.  |

- Hazardous ingredients for labelling Didecyldimethylammonium chloride

### 2.3 Other hazards

Hazards not otherwise classified

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.





## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

| Name of substance  | CAS No     | Wt%     | Classification acc. to GHS   | Pictograms  |
|--|------------|---------|--|---|
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | 1 - < 5 | Acute Tox. 4 / H302<br>Acute Tox. 2 / H330                         |    |
| Dioctyl dimethyl ammonium chloride                                     | 5538-94-3  | 1 - < 5 | Acute Tox. 3 / H301<br>Acute Tox. 3 / H311                         |    |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | 1 - < 5 | Acute Tox. 4 / H302<br>Acute Tox. 4 / H312<br>Skin Corr. 1B / H314 |   |

For full text of abbreviations: see SECTION 16.

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

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### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. . You may contact the National Poison Center 800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage.

### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

### Following skin contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

### Following eye contact

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

### Following ingestion

Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Symptoms and effects are not known to date.

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

none

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

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

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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### SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

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

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

Control of the effects

Protect against external exposure, such as

Frost

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

#### 7.3 Specific end use(s)

See section 16 for a general overview.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

This information is not available.

| Relevant DNELs of components of the mixture                            |            |          |                         |                                    |                   |                            |
|--|------------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance  | CAS No     | Endpoint | Threshold level         | Protection goal, route of exposure | Used in           | Exposure time              |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | DNEL     | 3.96 mg/m <sup>3</sup>  | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | DNEL     | 5.7 mg/kg bw/day        | human, dermal                      | worker (industry) | chronic - systemic effects |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | DNEL     | 18.79 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | DNEL     | 18.79 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | acute - systemic effects   |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | DNEL     | 2.67 mg/kg bw/day       | human, dermal                      | worker (industry) | chronic - systemic effects |

| Relevant PNECs of components of the mixture                            |            |          |                 |                       |                              |                              |
|--|------------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance  | CAS No     | Endpoint | Threshold level | Organism              | Environmental compartment    | Exposure time                |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | PNEC     | 0.001 mg/l      | aquatic organisms     | freshwater                   | short-term (single instance) |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | PNEC     | 0.001 mg/l      | aquatic organisms     | marine water                 | short-term (single instance) |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | PNEC     | 0.4 mg/l        | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | PNEC     | 12.27 mg/kg     | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | PNEC     | 13.09 mg/kg     | aquatic organisms     | marine sediment              | short-term (single instance) |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | PNEC     | 7 mg/kg         | terrestrial organisms | soil                         | short-term (single instance) |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | PNEC     | 1.1 µg/l        | aquatic organisms     | freshwater                   | short-term (single instance) |

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| Relevant PNECs of components of the mixture |           |          |                 |                       |                              |                              |
|---|-----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance                           | CAS No    | Endpoint | Threshold level | Organism              | Environmental compartment    | Exposure time                |
| Didecyldimethylammonium chloride            | 7173-51-5 | PNEC     | 0.11 µg/l       | aquatic organisms     | marine water                 | short-term (single instance) |
| Didecyldimethylammonium chloride            | 7173-51-5 | PNEC     | 0.14 mg/l       | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| Didecyldimethylammonium chloride            | 7173-51-5 | PNEC     | 61.86 mg/kg     | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| Didecyldimethylammonium chloride            | 7173-51-5 | PNEC     | 6.186 mg/kg     | aquatic organisms     | marine sediment              | short-term (single instance) |
| Didecyldimethylammonium chloride            | 7173-51-5 | PNEC     | 1.4 mg/kg       | terrestrial organisms | soil                         | short-term (single instance) |
| Diocetyl dimethyl ammonium chloride         | 5538-94-3 | PNEC     | 1 µg/l          | aquatic organisms     | freshwater                   | short-term (single instance) |
| Diocetyl dimethyl ammonium chloride         | 5538-94-3 | PNEC     | 0.1 µg/l        | aquatic organisms     | marine water                 | short-term (single instance) |
| Diocetyl dimethyl ammonium chloride         | 5538-94-3 | PNEC     | 500 µg/l        | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

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### SECTION 9: Physical and chemical properties

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

##### Appearance

|                |                |
|----------------|----------------|
| Physical state | liquid         |
| Color          | none to yellow |
| Odor           | characteristic |

##### Other safety parameters

|   |                                   |
|---|-----------------------------------|
| pH (value)                              | 6 – 8                             |
| Melting point/freezing point            | not determined                    |
| Initial boiling point and boiling range | 100 °C                            |
| Flash point                             | not determined                    |
| Evaporation rate                        | Not determined                    |
| Flammability (solid, gas)               | not relevant, (fluid)             |
| Vapor pressure                          | 0.002 Pa at 20 °C                 |
| Density                                 | not determined                    |
| Vapor density                           | this information is not available |
| Relative density                        | 0.98 – 1 (air = 1)                |
| Solubility(ies)                         | not determined                    |

##### Partition coefficient

|                             |  |
|-----------------------------|--|
| - n-octanol/water (log KOW) | this information is not available                      |
| Auto-ignition temperature   | 350 °C (auto-ignition temperature (liquids and gases)) |
| Viscosity                   | not determined   |
| Explosive properties        | none   |
| Oxidizing properties        | none   |

#### 9.2 Other information

|  |  |
|--|--|
| Temperature class (USA, acc. to NEC 500) | T2 (maximum permissible surface temperature on the equipment: 300°C) |
|--|--|

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### 10.5 Incompatible materials

Oxidizers

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

##### Acute toxicity

Shall not be classified as acutely toxic.

| Acute toxicity estimate (ATE) of components of the mixture             |            |                       |              |
|--|------------|-----------------------|--------------|
| Name of substance  | CAS No     | Exposure route        | ATE          |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | oral                  | 795 mg/kg    |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | inhalation: dust/mist | 0.22 mg/l/4h |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | oral                  | 329 mg/kg    |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | dermal                | 1,000 mg/kg  |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | oral                  | 238 mg/kg    |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | dermal                | 259 mg/kg    |

##### Skin corrosion/irritation

Causes severe skin burns and eye damage.

##### Serious eye damage/eye irritation

Causes serious eye damage.



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### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

| Aquatic toxicity (acute) of components of the mixture                  |            |          |             |                       |               |
|--|------------|----------|-------------|-----------------------|---------------|
| Name of substance  | CAS No     | Endpoint | Value       | Species               | Exposure time |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | LC50     | 0.515 mg/l  | fish                  | 96 h          |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | EC50     | 0.016 mg/l  | aquatic invertebrates | 48 h          |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | ErC50    | 0.03 mg/l   | algae                 | 96 h          |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | LC50     | 0.97 mg/l   | fish                  | 96 h          |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | EC50     | 0.057 mg/l  | aquatic invertebrates | 48 h          |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | ErC50    | 0.062 mg/l  | algae                 | 72 h          |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | LC50     | 0.7 mg/l    | fish                  | 96 h          |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | EC50     | 0.066 mg/l  | aquatic invertebrates | 48 h          |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | ErC50    | ≥0.122 mg/l | algae                 | 72 h          |

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| Aquatic toxicity (chronic) of components of the mixture                |            |          |            |                       |               |
|--|------------|----------|------------|-----------------------|---------------|
| Name of substance  | CAS No     | Endpoint | Value      | Species               | Exposure time |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | LC50     | 94 µg/l    | fish                  | 28 d          |
| Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride | 68424-85-1 | EC50     | 11 mg/l    | microorganisms        | 30 min        |
| Didecyldimethylammonium chloride                                       | 7173-51-5  | EC50     | 0.031 mg/l | aquatic invertebrates | 21 d          |
| Diocetyl dimethyl ammonium chloride                                    | 5538-94-3  | EC50     | 0.077 mg/l | aquatic invertebrates | 21 d          |

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Endocrine disrupting properties

None of the ingredients are listed.

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Pesticide Storage

Open dumping is prohibited. Store in original container in areas inaccessible to children.

#### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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### Container Disposal

Nonrefillable container. Do not use or refill this container. Clean container promptly after emptying. {Plastic and Metal Containers;} Triple rinse as follows: Fill container 1/4 full with water and re-close the container. Agitate vigorously, and dispose of rinsate consistent with pesticide and disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acutely hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

### Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

### 14.1 UN number

|           |      |
|-----------|------|
| DOT       | 1903 |
| IMDG-Code | 1903 |
| ICAO-TI   | 1903 |

### 14.2 UN proper shipping name

|           |  |
|-----------|--|
| DOT       | Disinfectants, liquid, corrosive, n.o.s. |
| IMDG-Code | DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  |
| ICAO-TI   | Disinfectant, liquid, corrosive, n.o.s.  |

### 14.3 Transport hazard class(es)

|           |   |
|-----------|---|
| DOT       | 8 |
| IMDG-Code | 8 |
| ICAO-TI   | 8 |

### 14.4 Packing group

|           |    |
|-----------|----|
| DOT       | II |
| IMDG-Code | II |
| ICAO-TI   | II |

### 14.5 Environmental hazards

|   |  |
|---|--|
|   | hazardous to the aquatic environment                                   |
| Environmentally hazardous substance (aquatic environment) | Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride |

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### 14.6 Special precautions for user

There is no additional information.

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

### Information for each of the UN Model Regulations

#### Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Particulars in the shipper's declaration UN1903, Disinfectants, liquid, corrosive, n.o.s., 8, II, environmentally hazardous

Danger label(s) 8, fish and tree



Environmental hazards YES (hazardous to the aquatic environment)

Special provisions (SP) B2, IB2, T7, TP2

ERG No 153

#### International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant YES (hazardous to the aquatic environment) (Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride)

Danger label(s) 8, fish and tree



Special provisions (SP) 274

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 L

EmS F-A, S-B

Stowage category B

#### International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Environmental hazards YES (hazardous to the aquatic environment)

Danger label(s) 8



Special provisions (SP) A3

Excepted quantities (EQ) E2

Limited quantities (LQ) 0,5 L

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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

###### FIFRA Labeling

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

###### Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

###### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

###### Clean Air Act

none of the ingredients are listed

###### Right to Know Hazardous Substance List

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

###### Industry or sector specific available guidance(s)

###### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category            | Rating | Description  |
|---------------------|--------|--|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure   |
| Health              | 3      | major injury likely unless prompt action is taken and medical treatment is given   |
| Flammability        | 1      | material that must be preheated before ignition can occur  |
| Physical hazard     | 0      | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | -      |  |

###### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

# Safety Data Sheet

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| Category       | Degree of hazard | Description  |
|----------------|------------------|--|
| Flammability   | 1                | material that must be preheated before ignition can occur                        |
| Health         | 3                | material that, under emergency conditions, can cause serious or permanent injury |
| Instability    | 0                | material that is normally stable, even under fire conditions                     |
| Special hazard |                  |  |

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information, including date of preparation or last revision

#### Indication of changes (revised safety data sheet)

| Section | Former entry (text/value)   | Actual entry (text/value)   | Safety-relevant |
|---------|---|---|-----------------|
| 1.1     | Alternative number(s):<br>CPI-803-05, F803-001, NSN# 6840-01-624-1820 | Alternative number(s):<br>CPI-803-05, F803-001, NSN# 7930-01-521-4189                               | yes             |
| 3.2     |   | Description of the mixture:<br>change in the listing (table)  | yes             |
| 8.1     | Control parameters  | Control parameters:<br>This information is not available.   | yes             |
| 9.1     | Explosive limits:<br>not determined                                   |   | yes             |
| 11.1    |   | IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:<br>change in the listing (table) | yes             |
| 12.1    |   | Aquatic toxicity (acute) of components of the mixture:<br>change in the listing (table)             | yes             |
| 12.1    |   | Aquatic toxicity (chronic) of components of the mixture:<br>change in the listing (table)           | yes             |
| 12.7    | Other adverse effects   | Other adverse effects:<br>Data are not available.   | yes             |
| 14.1    | UN number:<br>1903  | UN number   | yes             |
| 14.1    |   | DOT:<br>1903  | yes             |
| 14.1    |   | IMDG-Code:<br>1903  | yes             |
| 14.1    |   | ICAO-TI:<br>1903  | yes             |
| 14.2    | UN proper shipping name:<br>Disinfectants, liquid, corrosive, n.o.s.  | UN proper shipping name   | yes             |
| 14.2    |   | DOT:<br>Disinfectants, liquid, corrosive, n.o.s.  | yes             |
| 14.2    |   | IMDG-Code:<br>DISINFECTANT, LIQUID, CORROSIVE, N.O.S.   | yes             |

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| Section | Former entry (text/value)   | Actual entry (text/value)  | Safety-relevant |
|---------|---|--|-----------------|
| 14.2    |   | ICAO-TI:<br>Disinfectant, liquid, corrosive, n.o.s.  | yes             |
| 14.3    | Class:<br>8 (corrosive substances)                                |  | yes             |
| 14.3    |   | DOT:<br>8  | yes             |
| 14.3    |   | IMDG-Code:<br>8  | yes             |
| 14.3    |   | ICAO-TI:<br>8  | yes             |
| 14.4    | Packing group:<br>II (substance presenting medium danger)         | Packing group  | yes             |
| 14.4    |   | DOT:<br>II   | yes             |
| 14.4    |   | IMDG-Code:<br>II   | yes             |
| 14.4    |   | ICAO-TI:<br>II   | yes             |
| 14.7    | Index number:<br>1903   |  | yes             |
| 14.7    | Proper shipping name:<br>Disinfectants, liquid, corrosive, n.o.s. |  | yes             |
| 14.7    | Class:<br>8   |  | yes             |
| 14.7    | Packing group:<br>II  |  | yes             |
| 14.7    | UN number:<br>1903  |  | yes             |
| 14.7    | Proper shipping name:<br>DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. |  | yes             |
| 14.7    | Class:<br>8   |  | yes             |
| 14.7    | Packing group:<br>II  |  | yes             |
| 14.7    | Marine pollutant:<br>yes (hazardous to the aquatic environment)   | Marine pollutant:<br>yes (hazardous to the aquatic environment) (Alkyl<br>(C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl<br>ammonium chloride) | yes             |
| 14.7    | UN number:<br>1903  |  | yes             |
| 14.7    | Proper shipping name:<br>Disinfectants, liquid, corrosive, n.o.s. |  | yes             |
| 14.7    | Class:<br>8   |  | yes             |
| 14.7    | Packing group:<br>II  |  | yes             |

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| Section | Former entry (text/value)  | Actual entry (text/value)  | Safety-relevant |
|---------|--|--|-----------------|
| 15.1    | Cleaning Product Right to Know Act Substance List (CA-RTK)   |  | yes             |
| 15.1    |  | Cleaning Product Right to Know Act Substance List (CA-RTK):<br>change in the listing (table)                 | yes             |
| 15.1    | Hazardous Substance List (NJ-RTK)  |  | yes             |
| 15.1    |  | Hazardous Substance List (NJ-RTK):<br>change in the listing (table)  | yes             |
| 15.1    | Hazardous Substance List (RI-RTK)  |  | yes             |
| 15.1    |  | Hazardous Substance List (RI-RTK):<br>change in the listing (table)  | yes             |
| 15.1    | California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987 |  | yes             |
| 15.1    |  | Proposition 65 List of chemicals:<br>change in the listing (table)   | yes             |
| 16      |  | Abbreviations and acronyms:<br>change in the listing (table)   | yes             |
| 16      |  | List of relevant phrases (code and full text as stated in chapter 2 and 3):<br>change in the listing (table) | yes             |

### Abbreviations and acronyms

| Abbr.         | Descriptions of used abbreviations   |
|---------------|--|
| 49 CFR US DOT | 49 CFR U.S. Department of Transportation   |
| Acute Tox.    | Acute toxicity   |
| ATE           | Acute Toxicity Estimate  |
| CAS           | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)   |
| DGR           | Dangerous Goods Regulations (see IATA/DGR)   |
| DNEL          | Derived No-Effect Level  |
| DOT           | Department of Transportation (USA)   |
| EC50          | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval |
| EmS           | Emergency Schedule   |
| ErC50         | ≅ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control           |
| ERG No        | Emergency Response Guidebook - Number  |
| GHS           | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations  |
| IATA          | International Air Transport Association  |
| IATA/DGR      | Dangerous Goods Regulations (DGR) for the air transport (IATA)   |



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| Abbr.          | Descriptions of used abbreviations  |
|----------------|---|
| ICAO           | International Civil Aviation Organization   |
| ICAO-TI        | Technical instructions for the safe transport of dangerous goods by air   |
| IMDG           | International Maritime Dangerous Goods Code   |
| IMDG-Code      | International Maritime Dangerous Goods Code   |
| LC50           | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval |
| MARPOL         | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")   |
| NPCA-HMIS® III | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition                                     |
| OSHA           | Occupational Safety and Health Administration (United States)   |
| PBT            | Persistent, Bioaccumulative and Toxic   |
| PNEC           | Predicted No-Effect Concentration   |
| Skin Corr.     | Corrosive to skin   |
| Skin Irrit.    | Irritant to skin  |
| vPvB           | Very Persistent and very Bioaccumulative  |

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text                                     |
|------|--|
| H301 | Toxic if swallowed.                      |
| H302 | Harmful if swallowed.                    |
| H311 | Toxic in contact with skin.              |
| H312 | Harmful in contact with skin.            |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage.               |
| H330 | Fatal if inhaled.                        |

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.