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

1.1 Product identifier

| Trade name | Kohrsolin FF |

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

| Use of the Substance/Mixture | In-door use Disinfectants and general biocidal products. For further information, refer to the product technical data sheet. |
| Recommended restrictions on use | Restricted to professional users. |

1.3 Details of the supplier of the safety data sheet

| Manufacturer, importer, supplier | BODE Chemie GmbH Melanchthonstraße 27 22525 Hamburg Tel.: +49 (0)40 / 54 00 60 |
| Responsible Department | Scientific Affairs KundenService-SiDa@bode-chemie.de |

1.4 Emergency telephone number

| Emergency telephone number | Giftnotruf Göttingen 24h-Phone +49 (0)551 / 1 92 40 |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

| Harmful | Sensitising | Irritant | Dangerous for the environment |

2.2 Label elements

| Hazard symbols | R20/22 Harmful by inhalation and if swallowed. R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes. |
| R-phrase(s) | Dangerous for the environment |

R10494 1 / 16 International
R42/43 May cause sensitization by inhalation and skin contact.

R50 Very toxic to aquatic organisms.

S-phrase(s):

S23 Do not breathe vapour.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S35 This material and its container must be disposed of in a safe way.
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 sheets.

Hazardous components which must be listed on the label:

111-30-8 glutaral
68391-01-5 Benzyl-C12-18-alkyldimethylammonium chlorides
7173-51-5 didecyldimethylammonium chloride

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No. EC-No. Registration number</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>glutaral</td>
<td>111-30-8 203-856-5 01-2119455549-26</td>
<td>T; R23/25 C; R34 R42/43 N; R50</td>
<td>Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Corr. 1B; H314 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Acute 1; H400</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>Tridecanol, branched, ethoxylated</td>
<td>69011-36-5</td>
<td>Xn; R22 Xi; R41</td>
<td>Acute Tox. 4; H302 Eye Dam. 1; H318</td>
<td>&gt;= 3 - &lt; 5</td>
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<tr>
<td>Alcohols, C12-14, ethoxylated</td>
<td>68439-50-9</td>
<td>Xn; R22-R41</td>
<td>Acute Tox. 4; H302 Eye Dam. 1; H318</td>
<td>&gt;= 3 - &lt; 5</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Call a physician immediately.

If inhaled : If breathed in, move person into fresh air.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed : Rinse mouth.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Keep under medical supervision for at least 48 hours.
For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon
5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Cool closed containers exposed to fire with water spray.

Hazardous combustion products: no data available

5.3 Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions: Should not be released into the environment.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Use only with adequate ventilation. Avoid exceeding of the given occupational exposure limits (see section 8). For personal protection see section 8.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Keep away from food and drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas: Keep tightly closed. Store at room temperature in the original con-
and containers

Advice on common storage: Keep away from food and drink.

Other data: Protect from frost.

7.3 Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL

- glutaral (CAS: 111-30-8)
  - End Use: Industrial use, Workers
  - Exposure routes: Inhalation
  - Potential health effects: Long-term local effects
    Value: 0,25 mg/m3

- propan-2-ol (CAS: 67-63-0)
  - End Use: Workers
  - Exposure routes: Skin contact
  - Potential health effects: Chronic effects
    Value: 888 mg/kg

  - End Use: Consumers
    Exposure routes: Skin contact
    Potential health effects: Chronic effects
    Value: 319 mg/kg

  - End Use: Consumers
    Exposure routes: Inhalation
    Potential health effects: Chronic effects
    Value: 89 mg/m3

  - End Use: Consumers
    Exposure routes: Ingestion
    Potential health effects: Chronic effects
    Value: 26 mg/kg

PNEC

- glutaral (CAS: 111-30-8)
  - Fresh water
    Value: 0,0025 mg/l

  - Marine water
    Value: 0,00025 mg/l
8.2 Exposure controls

**Personal protective equipment**

**Eye protection**: Tightly fitting safety goggles

**Hand protection**

**In case of full contact**: Nitrile rubber
- **Material**: Protective gloves complying with EN 374.
- **Break through time**: > 480 min
- **Glove thickness**: 0,4 mm
- **Protective index**: Class 6
  - **Material**: Peha-soft nitrile guard

**In case of contact through splashing**: Nitrile rubber
- **Material**: Protective gloves complying with EN 374.
- **Break through time**: 8 min
- **Glove thickness**: 0,1 mm
- **Protective index**: Class 6
  - **Material**: Peha-soft nitrile fino

**Skin and body protection**: Lightweight protective clothing

**Respiratory protection**: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Environmental exposure controls**

**General advice**: Should not be released into the environment.
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
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<tr>
<td>Colour</td>
<td>light yellow</td>
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<tr>
<td>Odour</td>
<td>characteristic</td>
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<td>Odour Threshold</td>
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<tr>
<td>pH</td>
<td>3.2, at 20 °C</td>
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<tr>
<td>Melting point/range</td>
<td>not determined</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>71 °C</td>
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<tr>
<td>Evaporation rate</td>
<td>no data available</td>
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<tr>
<td>Flammability (solid, gas)</td>
<td>not auto-flammable</td>
</tr>
<tr>
<td>Burning rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>no data available</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>no data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>no data available</td>
</tr>
<tr>
<td>Density</td>
<td>1.01 g/cm³ at 20 °C</td>
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<tr>
<td>Water solubility</td>
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<tr>
<td>Solubility in other solvents</td>
<td>no data available</td>
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<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>no data available</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>no data available</td>
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<tr>
<td>Thermal decomposition</td>
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<tr>
<td>Viscosity, dynamic</td>
<td>no data available</td>
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<tr>
<td>Viscosity, kinematic</td>
<td>no data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>no data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>no data available</td>
</tr>
</tbody>
</table>

9.2 Other information
Conductivity : no data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No decomposition if stored and applied as directed.

10.2 Chemical stability
The product is chemically stable.

10.3 Possibility of hazardous reactions
Hazardous reactions : None reasonably foreseeable.

10.4 Conditions to avoid
Conditions to avoid : Protect from frost, heat and sunlight.

10.5 Incompatible materials
Materials to avoid : Bases

10.6 Hazardous decomposition products
no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product
Acute oral toxicity : LD50 Oral rat: 3,000 mg/kg
Acute inhalation toxicity : no data available
Acute dermal toxicity : no data available
Acute toxicity (other routes of administration) : no data available
Skin corrosion/irritation : Result: Irritating to mucous membranes
                           Result: Skin irritation
Serious eye damage/eye irritation : Result: Risk of serious damage to eyes.
Respiratory or skin sensitization : Result: May cause sensitization by skin contact.
                                   Result: May cause sensitization by inhalation.
Genotoxicity in vitro: no data available
Genotoxicity in vivo: no data available
Carcinogenicity: This information is not available.
Reproductive toxicity: This information is not available.
Teratogenicity: This information is not available.
STOT - single exposure: Remarks: no data available
Repeated dose toxicity: Note: This information is not available.
STOT - repeated exposure: Remarks: no data available

Components:
glutaral (CAS: 111-30-8):
Acute oral toxicity: LD50 Oral rat: 158 mg/kg
Method: OECD Test Guideline 401
Acute inhalation toxicity: LC50 rat: 0.48 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403
The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.
Acute dermal toxicity: LD50 Dermal rabbit: 1.749 mg/kg
Method: OECD Test Guideline 402
Skin corrosion/irritation: Result: Corrosive
Serious eye damage/eye irritation: Result: Corrosive
Respiratory or skin sensitization: Result: May cause sensitization by skin contact.
Result: Probability of respiratory sensitization in humans based on animal testing
STOT - single exposure: Exposure routes: Inhalation
Target Organs: Upper respiratory tract
Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

Tridecanol, branched, ethoxylated (CAS: 69011-36-5):
Acute oral toxicity: LD50 Oral rat: > 2.000 mg/kg
Acute dermal toxicity: LD50 Dermal rabbit: > 2.000 mg/kg
Skin corrosion/irritation: Species: rabbit
Result: No skin irritation

Serious eye damage/eye irritation: Species: rabbit
Result: Risk of serious damage to eyes.

Respiratory or skin sensitization: Test Method: Maximisation Test
Species: guinea pig
Result: Did not cause sensitization on laboratory animals.

Alcohols, C12-14. ethoxylated (CAS: 68439-50-9):
Acute oral toxicity: LD50 Oral rat: 1.500 mg/kg

Skin corrosion/irritation: Result: Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation: Result: Irreversible effects on the eye

didecyldimethylammonium chloride (CAS: 7173-51-5):
Acute oral toxicity: LD50 Oral rat: 238 mg/kg
   Method: OECD Test Guideline 401

Acute dermal toxicity: LD50 Dermal rabbit: 3.342 mg/kg

Skin corrosion/irritation: Species: rabbit
Result: Corrosive after 3 minutes or less of exposure

Benzyl-C12-18-alkyldimethylammonium chlorides (CAS: 68391-01-5):
Acute oral toxicity: LD50 rat: 344 mg/kg

Acute dermal toxicity: LD50 rabbit: ca. 3.340 mg/kg

Skin corrosion/irritation: Species: rabbit
Result: Corrosive

Serious eye damage/eye irritation: Species: rabbit
Result: Corrosive

Respiratory or skin sensitization: Test Method: Maximisation Test
Species: guinea pig
Result: Did not cause sensitization on laboratory animals.

propan-2-ol (CAS: 67-63-0):
Acute oral toxicity: LD50 Oral rat: > 2.000 mg/kg

Acute inhalation toxicity: LC50 rat: > 20 mg/l
   Exposure time: 8 h
Acute dermal toxicity: LD50 Dermal rabbit: > 2.000 mg/kg

Skin corrosion/irritation: Species: rabbit
Result: No skin irritation

Serious eye damage/eye irritation: Species: rabbit
Result: Eye irritation

Respiratory or skin sensitization: Test Method: Buehler Test
Species: guinea pig
Result: Did not cause sensitization on laboratory animals.

Germ cell mutagenicity
Genotoxicity in vitro: Type: Ames test
with or without metabolic activation
Result: negative

SECTION 12: Ecological information

12.1 Toxicity

Product:
Toxicity to fish: no data available
Toxicity to daphnia and other aquatic invertebrates: no data available
Toxicity to algae: no data available
Toxicity to bacteria: no data available
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): no data available

Components:
glutaral (CAS 111-30-8):
Toxicity to fish: LC50 (Lepomis macrochirus (Bluegill sunfish)): 9,4 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 5,75 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae: EC50 (Desmodesmus subspicatus (green algae)): 0,6 mg/l
Exposure time: 72 h
Test Method: Growth inhibition
Method: OECD Test Guideline 201
M-Factor : 1
**Tridecanol, branched, ethoxylated (CAS 69011-36-5)**:
- **Toxicity to fish**: LC₅₀ (Cyprinus carpio (Carp)): 1 - 10 mg/l  
  Exposure time: 96 h  
  Test Method: flow-through test  
  Method: OECD Test Guideline 203
- **Toxicity to daphnia and other aquatic invertebrates**: EC₅₀ (Daphnia magna (Water flea)): 1 - 10 mg/l  
  Exposure time: 48 h  
  Method: OECD Test Guideline 202
- **Toxicity to algae**: EC₅₀ (Desmodesmus subspicatus (green algae)): 1 - 10 mg/l  
  Exposure time: 72 h  
  Method: OECD Test Guideline 201

**Alcohols, C12-14. ethoxylated (CAS 68439-50-9)**:
- **Toxicity to fish**: LC₅₀ (Fish): > 1 mg/l  
  Exposure time: 96 h
- **Toxicity to daphnia and other aquatic invertebrates**: EC₅₀ (Daphnia magna (Water flea)): > 1 mg/l  
  Exposure time: 48 h
- **Toxicity to algae**: EC₅₀ (Scenedesmus capricornutum (fresh water algae)): > 1 mg/l  
  Exposure time: 72 h

**didecyldimethylammonium chloride (CAS 7173-51-5)**:
- **Toxicity to fish**: LC₅₀ (Danio rerio (zebra fish)): 0.97 mg/l  
  Exposure time: 96 h  
  Method: OECD Test Guideline 203
- **Toxicity to daphnia and other aquatic invertebrates**: EC₅₀ (Daphnia magna (Water flea)): 0.057 mg/l  
  Exposure time: 48 h  
  Method: OECD Test Guideline 202
- **Toxicity to algae**: ErC₅₀ (Pseudokirchneriella subcapitata (green algae)): 0.053 mg/l  
  Exposure time: 72 h  
  Method: OECD Test Guideline 201

M-Factor : 10
**Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)**:
- NOEC: 0.010 mg/l  
  Exposure time: 21 d  
  Species: Daphnia magna (Water flea)

**Benzyl-C12-18-alkyldimethylammonium chlorides (CAS 68391-01-5)**:
- **Toxicity to fish**: LC₅₀ (Pimephales promelas (fathead minnow)): 0.85 mg/l  
  Exposure time: 96 h  
  Method: OECD Test Guideline 203
- **Toxicity to daphnia and other aquatic invertebrates**: EC₅₀ (Daphnia magna (Water flea)): 0.015 mg/l  
  Exposure time: 48 h  
  Method: OECD Test Guideline 202
- **Toxicity to algae**: EC₅₀ (Pseudokirchneriella subcapitata): 0.03 mg/l  
  Exposure time: 72 h  
  Test Method: Cell multiplication inhibition test
Method: OECD Test Guideline 201

M-Factor: 10
Toxicity to fish (Chronic toxicity): NOEC: 0.032 mg/l
Exposure time: 34 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity):
Exposure time: 21 d
Species: Daphnia magna (Water flea)

propan-2-ol (CAS 67-63-0):
Toxicity to fish: LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae: EC50 (Scenedesmus capricornutum (fresh water algae)): > 100 mg/l
Exposure time: 72 h

12.2 Persistence and degradability

**Product:**
Biodegradability: The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Components:**
glutarl (CAS 111-30-8):
Biochemical Oxygen Demand (BOD): Biochemical oxygen demand
235 mg/g
5 d

Chemical Oxygen Demand (COD): 1.385 mg/g

12.3 Bioaccumulative potential

**Product:**
Bioaccumulation: no data available

12.4 Mobility in soil

**Product:**
Distribution among environmental compartments: no data available

12.5 Results of PBT and vPvB assessment

**Product:**
Assessment: no data available

12.6 Other adverse effects

**Product:**
Adsorbed organic bound halogens (AOX): no data available
**SECTION 13: Disposal considerations**

13.1 Waste treatment methods

**Product:**
Dispose of as hazardous waste in compliance with local and national regulations. The product should not be allowed to enter drains, water courses or the soil. The following Waste Codes are only suggestions:

**Waste Code EU:** 070601* aqueous washing liquids and mother liquors

**Contaminated packaging:**
Empty remaining contents. Clean container with water. Offer rinsed packaging material to local recycling facilities.

**SECTION 14: Transport information**

14.1 UN number

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN 3082</td>
<td>UN 3082</td>
<td>UN 3082</td>
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</tbody>
</table>

14.2 UN proper shipping name

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
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<tbody>
<tr>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (glutaral, benzododecinium chloride)</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (glutaral, benzododecinium chloride)</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (glutaral, benzododecinium chloride)</td>
</tr>
</tbody>
</table>

14.3 Transport hazard class

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>9</td>
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</table>

14.4 Packaging group

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<tr>
<td>Hazard identification No: 90</td>
<td>Labels: 9</td>
<td>EmS Number: F-A, S-F</td>
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<td>Tunnel restriction code: E</td>
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</table>

14.5 Environmental hazards
ADR
Environmentally hazardous : yes

IMDG
Marine Pollutant : yes

IATA
Environmentally hazardous : yes

14.6 Special precautions for user
not applicable

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

Notification status

<table>
<thead>
<tr>
<th>Notification</th>
<th>Description</th>
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<tbody>
<tr>
<td>CH INV</td>
<td>The formulation contains substances listed on the Swiss Inventory</td>
</tr>
<tr>
<td>US.TSCA</td>
<td>On TSCA Inventory</td>
</tr>
<tr>
<td>DSL</td>
<td>All components of this product are on the Canadian DSL.</td>
</tr>
<tr>
<td>AICS</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>NZIoC</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>ENCS</td>
<td>Not in compliance with the inventory</td>
</tr>
<tr>
<td>ISHL</td>
<td>Not in compliance with the inventory</td>
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<tr>
<td>KECl</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>PICCS</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>IECS</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
</tbody>
</table>

For explanation of abbreviations see section 16.

Other regulations : Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

15.2 Chemical Safety Assessment
A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
R11 Highly flammable.
R20/22 Harmful by inhalation and if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R22 Harmful if swallowed.
R23/25 Toxic by inhalation and if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R42/43 May cause sensitization by inhalation and skin contact.
R50 Very toxic to aquatic organisms.
R67 Vapours may cause drowsiness and dizziness.

Full text of H-statements referred to under sections 2 and 3.

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Notification status

CH INV : Switzerland. New notified substances and declared preparations
US.TSCA : Toxic substances control act
DSL : Canada. DSL - Domestic Substances List, part of CEPA
AICS : Australia. AICS - Australian Inventory of Chemical Substances
NZIoC : New Zealand Inventory of Chemical Substances
ENCS : Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL : Japan. Industrial Safety and Health Law - Inventory
KECI : Korea. KECI - Korean Existing Chemicals Inventory
PICCS : Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances
IECSC : China. IECSC - Inventory of Existing Chemical Substances in China

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.