SECTION 1: Identification

1.1 Product identifier

Trade name

MICRO® Green Clean

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

Relevant identified uses

Industrial use

Do not use for private purposes (household)

1.3 Details of the supplier of the safety data sheet

International Products Corporation

201 Connecticut Drive

Burlington, NJ

08016

United States

Https://www.ipcol.com/

+1 6093868770

1.3.1 Additional information

Supplier (distributor)

Country

Name

Postal code/city

Telephone

e-Mail

Website

United Kingdom

IPCW

SE9 3TL London

+44 (0) 208-857-5678

saleseurope@ipcol.com

www.ipcol.com

e-mail (competent person)

tmcguckin@ipcol.com (Thomas P. McGuckin)

1.4 Emergency telephone number

1.4.1 Emergency information service

1-609-386-8770

This number is only available during the following office hours: Mon-Fri 08:00 AM - 04:30 PM, Eastern Time

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Hazard class</th>
<th>Category</th>
<th>Hazard class and category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.2</td>
<td>skin corrosion/irritation</td>
<td>2</td>
<td>Skin Irrit. 2</td>
<td>H315</td>
</tr>
<tr>
<td>A.3</td>
<td>serious eye damage/eye irritation</td>
<td>2A</td>
<td>Eye Irrit. 2A</td>
<td>H319</td>
</tr>
</tbody>
</table>

For full text of abbreviations: see SECTION 16.

2.2 Label elements

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

- Signal word

warning
- Pictograms

GHS07

- Hazard statements.
  H315  Causes skin irritation.
  H319  Causes serious eye irritation.

- Precautionary statements

  P280  Wear protective gloves.
  P302+P352  If on skin: Wash with plenty of 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.
  P321  Specific treatment (see on this label).
  P332+P313  If skin irritation occurs: Get medical advice/attention.
  P337+P313  If eye irritation persists: Get medical advice/attention.
  P362  Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

Hazards not otherwise classified

Harmful to aquatic life (GHS category 3: aquatic toxicity - acute).

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

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>Identifier</th>
<th>Wt%</th>
<th>Classification acc. to GHS</th>
<th>Pictograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alanine, N,N-bis(carboxymethyl), trisodium salt</td>
<td>CAS No 164462-16-2</td>
<td>5 - &lt; 10</td>
<td>Acute Tox. 5 / H303 Acute Tox. 5 / H313</td>
<td></td>
</tr>
</tbody>
</table>
| Ammonium Xylene Sulfonate | CAS No 26447-10-9 | 5 - < 10 | Acute Tox. 5 / H313 Eye Irrit. 2 / H319 | ![Pictogram]
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine | CAS No 68584-25-8 | 5 - < 10 | Acute Tox. 5 / H303 Skin Corr. 1C / H314 Eye Dam. 1 / H318 Aquatic Chronic 3 / H412 | ![Pictogram]
| Undecanol, ethyoxylated | CAS No 34398-01-1 | 1 - < 5 | Acute Tox. 5 / H303 Acute Tox. 5 / H313 |  |
SECTION 4: First-aid measures

4.1 Description of first-aid measures

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.

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
Wash with plenty of soap and water.

Following ingestion
Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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 (CO2)

Unsuitable extinguishing media
- Water jet

5.2 Special hazards arising from the substance or mixture
Hazardous combustion products
- Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters
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.

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.

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

6.4 **Reference to other sections**

**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**
- Specific designs for storage rooms or vessels
- Storage temperature
  Recommended storage temperature: 2 – 43 °C

**SECTION 8: Exposure controls/personal protection**

8.1 **Control parameters**
This information is not available.

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Threshold level</th>
<th>Protection goal, route of exposure</th>
<th>Used in</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>DNEL</td>
<td>26.9 mg/m³</td>
<td>human, inhalatory</td>
<td>worker (industry)</td>
<td>chronic - systemic effects</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>DNEL</td>
<td>136.3 mg/kg bw/day</td>
<td>human, dermal</td>
<td>worker (industry)</td>
<td>chronic - systemic effects</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>DNEL</td>
<td>4.1 mg/m³</td>
<td>human, inhalatory</td>
<td>worker (industry)</td>
<td>chronic - systemic effects</td>
</tr>
<tr>
<td>Name of substance</td>
<td>CAS No</td>
<td>Endpoint</td>
<td>Threshold level</td>
<td>Protection goal, route of exposure</td>
<td>Used in</td>
<td>Exposure time</td>
</tr>
<tr>
<td>-------------------</td>
<td>---------</td>
<td>----------</td>
<td>-----------------</td>
<td>-----------------------------------</td>
<td>---------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>DNEL</td>
<td>5.29 mg/kg bw/day</td>
<td>human, dermal</td>
<td>worker (industry)</td>
<td>chronic - systemic effects</td>
</tr>
</tbody>
</table>

### Relevant PNECs of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Threshold level</th>
<th>Organism</th>
<th>Environmental compartment</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>PNEC</td>
<td>0.23 mg/l</td>
<td>aquatic organisms</td>
<td>freshwater</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>PNEC</td>
<td>0.023 mg/l</td>
<td>aquatic organisms</td>
<td>marine water</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>PNEC</td>
<td>100 mg/l</td>
<td>aquatic organisms</td>
<td>sewage treatment plant (STP)</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>PNEC</td>
<td>0.862 mg/kg</td>
<td>aquatic organisms</td>
<td>freshwater sediment</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>PNEC</td>
<td>0.086 mg/kg</td>
<td>aquatic organisms</td>
<td>marine sediment</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>PNEC</td>
<td>0.037 mg/kg</td>
<td>terrestrial organisms</td>
<td>soil</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>PNEC</td>
<td>0.268 mg/l</td>
<td>aquatic organisms</td>
<td>freshwater</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>PNEC</td>
<td>0.027 mg/l</td>
<td>aquatic organisms</td>
<td>marine water</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>PNEC</td>
<td>7 mg/l</td>
<td>aquatic organisms</td>
<td>sewage treatment plant (STP)</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>PNEC</td>
<td>8.1 mg/kg</td>
<td>aquatic organisms</td>
<td>freshwater sediment</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>PNEC</td>
<td>8.1 mg/kg</td>
<td>aquatic organisms</td>
<td>marine sediment</td>
<td>short-term (single instance)</td>
</tr>
<tr>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine</td>
<td>68584-25-8</td>
<td>PNEC</td>
<td>35 mg/kg</td>
<td>terrestrial organisms</td>
<td>soil</td>
<td>short-term (single instance)</td>
</tr>
</tbody>
</table>
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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>clear-colorless-yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>mild</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other safety parameters</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>pH (value)</td>
<td>9 – 10 (25 °C)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>-8 °C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>not relevant, (fluid)</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>not determined</td>
</tr>
</tbody>
</table>
**SECTION 10: Stability and reactivity**

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

10.2 **Chemical stability**
Shelf-life: Five years from the date of manufacture.

10.3 **Possibility of hazardous reactions**
No known hazardous reactions.

10.4 **Conditions to avoid**
Do not mix with other chemicals.

10.5 **Incompatible materials**
Avoid extended contact with uncured paint, zinc, aluminum, cold rolled steel, or copper and its alloys. Avoid contact with polycarbonate, polymethyl methacrylate, and polyphenylene oxide as these plastics may craze over time. Refer to product's compatibility sheets for further details.

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
   
   Basis of test data.
   
   Classification procedure
   The classification is based on tested mixture.
   
   Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   
   Acute toxicity
   Shall not be classified as acutely toxic.
   
   Skin corrosion/irritation
   Causes skin irritation.
   
   Serious eye damage/eye irritation
   Causes serious eye irritation.
   
   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
   
   Harmful to aquatic life.
   
   Aquatic toxicity (acute)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50</td>
<td>49 mg/l</td>
<td>fathead minnow</td>
<td>72 h</td>
</tr>
<tr>
<td>EC50</td>
<td>78.5 mg/l</td>
<td>water flea (Daphnia)</td>
<td>48 h</td>
</tr>
</tbody>
</table>
### Aquatic toxicity (acute) of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>LC50</td>
<td>&gt;1,000 mg/l</td>
<td>fish</td>
<td>96 h</td>
</tr>
<tr>
<td>Ammonium Xylene Sulfonate</td>
<td>26447-10-9</td>
<td>EC50</td>
<td>&gt;1,000 mg/l</td>
<td>aquatic invertebrates</td>
<td>48 h</td>
</tr>
</tbody>
</table>

#### 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 Other adverse effects
Endocrine disrupting potential
None of the ingredients are listed.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods
Sewage disposal-relevant information
May be disposed according to local, state and federal regulations.

Waste treatment of containers/packages
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
not subject to transport regulations

#### 14.2 UN proper shipping name
not assigned

#### 14.3 Transport hazard class(es)
not assigned

#### 14.4 Packing group
not assigned

#### 14.5 Environmental hazards
non-environmentally hazardous acc. to the dangerous goods regulations

#### 14.6 Special precautions for user
There is no additional information.
SECTION 15: Regulatory information

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

National regulations (United States)

Toxic Substance Control Act (TSCA)
- All ingredients are listed

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
- Hazardous Substance List (NJ-RTK)
  None of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic</td>
<td>/</td>
<td>none</td>
</tr>
<tr>
<td>Health</td>
<td>2</td>
<td>temporary or minor injury may occur</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
<td>material that must be preheated before ignition can occur</td>
</tr>
<tr>
<td>Physical hazard</td>
<td>0</td>
<td>material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive</td>
</tr>
<tr>
<td>Personal protection</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

NFPA® 704

<table>
<thead>
<tr>
<th>Category</th>
<th>Degree of hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
<td>material that must be preheated before ignition can occur</td>
</tr>
<tr>
<td>Health</td>
<td>2</td>
<td>material that, under emergency conditions, can cause temporary incapacitation or residual injury</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
<td>material that is normally stable, even under fire conditions</td>
</tr>
</tbody>
</table>
### National inventories

<table>
<thead>
<tr>
<th>Country</th>
<th>National inventories</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>REACH Reg.</td>
<td>not all ingredients are listed</td>
</tr>
<tr>
<td>US</td>
<td>TSCA</td>
<td>all ingredients are listed</td>
</tr>
</tbody>
</table>

**Legend**
- **REACH Reg.**: REACH registered substances
- **TSCA**: Toxic Substance Control Act

### 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

**Abbreviations and acronyms**

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Descriptions of used abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>49 CFR US DOT</td>
<td>49 CFR U.S. Department of Transportation</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>Hazardous to the aquatic environment - chronic hazard</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)</td>
</tr>
<tr>
<td>DGR</td>
<td>Dangerous Goods Regulations (see IATA/DGR)</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No-Effect Level</td>
</tr>
<tr>
<td>EC50</td>
<td>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</td>
</tr>
<tr>
<td>Eye Dam.</td>
<td>Seriously damaging to the eye</td>
</tr>
<tr>
<td>Eye Irrit.</td>
<td>Irritant to the eye</td>
</tr>
<tr>
<td>GHS</td>
<td>&quot;Globally Harmonized System of Classification and Labelling of Chemicals&quot; developed by the United Nations</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IATA/DGR</td>
<td>Dangerous Goods Regulations (DGR) for the air transport (IATA)</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods Code</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration (United States)</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No-Effect Concentration</td>
</tr>
</tbody>
</table>
Abbr. | Description of used abbreviations
---|---
RTECS | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr. | Corrosive to skin
Skin Irrit. | Irritant to skin
vPvB | Very Persistent and very Bioaccumulative

**Key literature references and sources for data**

**Classification procedure**
The classification is based on tested mixture.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>H303</td>
<td>May be harmful if swallowed.</td>
</tr>
<tr>
<td>H313</td>
<td>May be harmful in contact with skin.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

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