1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product Identity: PAK-IT Auto Scrubber Neutral Floor Cleaner (Concentrate)
Alternate Names: Chemical Family: blended alkaline, synthetic and natural cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use / Application Method: For use as a floor cleaner in Auto Scrubbing equipment or mop bucket applications.

1.3. Details of the supplier of the safety data sheet
Company Name: Big 3 Packaging, LLC
4201 Torresdale Avenue
Philadelphia, PA 19124
Emergency
24 hour Emergency Telephone No.: 800-535-5053
Customer Service: Big 3 Packaging, LLC 215-743-4201

2. Hazard identification of the product

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Acute Tox. 4;H302: Harmful if swallowed.
Acute Tox. 4;H332: Harmful if inhaled.
Skin Irrit. 2;H315: Causes skin irritation.
Eye Dam. 1;H318: Causes serious eye damage.
Skin Sens. 1;H317: May cause an allergic skin reaction.
Aquatic Chronic 1;H410: Very toxic to aquatic life with long lasting effects.

Classification according to 67/548/EEC or 1999/45/EC.
Xn: Harmful.
N: Dangerous for the environment.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

According to Regulation (EC) No 1272/2008

Danger

H302 Harmful if swallowed.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H410 Very toxic to aquatic life with long lasting effects.

[Prevention]:
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection.

[Response]:
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P313 Get medical advice / attention.
P321 Specific treatment (see information on this label).
P330 Rinse mouth.
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.

[Storage]:
No CLP storage statements

[Disposal]:
P501 Dispose of contents / container in accordance with local / national regulations.
See Technical Data Sheet.

2.3. Other hazards
This product contains no PBT/vPvB chemicals.
## 3. Composition/information on ingredients

If the product contains substances that present a health hazard within the meaning of the Dangerous Substances Directive 67/548/EC, or have occupational exposure limits detailed in EH40, these substances are listed below.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>67/548/EEC Classification*</th>
<th>EC No. 1272/2008 Classification*</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>25 - 50</td>
<td>Xn;R20/21/22 Xi;R36/38</td>
<td>Acute Tox. 4;H332</td>
<td>[1][2]</td>
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<tr>
<td>CAS Number: 0000111-76-2</td>
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<td>EC No.: 203-905-0</td>
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<td>Index No.: 603-014-00-0</td>
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<tr>
<td>Dipentene</td>
<td>10 - 25</td>
<td>R10 R43 Xi;R36 N;R50-53</td>
<td>Flam. Liq. 3;H226</td>
<td>C*CLP 3.1</td>
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<td>CAS Number: 0000138-86-3</td>
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<td>EC No.: 205-341-0</td>
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<td>Index No.: 601-029-00-7</td>
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<tr>
<td>Octylphenoxypolyethoxyethanol</td>
<td>10 - 25</td>
<td>R22 R41 R50/53</td>
<td>Acute Tox. 4;H302</td>
<td>[1]</td>
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<tr>
<td>CAS Number: 0009036-19-5</td>
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<td>EC No.</td>
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<tr>
<td>Index No.:</td>
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<td></td>
</tr>
<tr>
<td>2-methylpentane-2,4-diol</td>
<td>10 - 25</td>
<td>Xi;R36/38</td>
<td>Eye Irrit. 2;H319</td>
<td>[1][2]</td>
</tr>
<tr>
<td>CAS Number: 0000107-41-5</td>
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<td>Index No.: 603-053-00-3</td>
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<tr>
<td>Isopropyl Alcohol</td>
<td>10 - 25</td>
<td>F;R11 Xi;R36 R67</td>
<td>Flam. Liq. 2;H225</td>
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<td>CAS Number: 0000067-63-0</td>
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<td>Index No.: 603-117-00-0</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>1.0 - 10</td>
<td>R36</td>
<td>Eye Irrit. 2;H319</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0000102-71-6</td>
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<td>EC No.: 203-049-8</td>
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<tr>
<td>Index No.:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coconut oil diethanolamine condensate</td>
<td>1.0 - 10</td>
<td>R38 R36</td>
<td>Skin Irrit. 2;H315</td>
<td>[1]</td>
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<tr>
<td>CAS Number: 0068603-42-9</td>
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<td>EC No.: 271-657-0</td>
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<td>Index No.:</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*CLP 31 Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

[1] Substance classified with a health or environmental hazard.

*The full texts of the phrases are shown in Section 16.
4. First aid measures

4.1. Description of first aid measures

General
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes
Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin
Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion
If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Inhalation
Harmful if inhaled.

Eyes
Causes serious eye damage.

Skin
May be harmful in contact with skin. (Not adopted by US OSHA) May cause an allergic skin reaction. Causes skin irritation.

Ingestion
Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media
Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Do not use; water jet.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: Oxides of Carbon
Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters
Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from firefighting to enter drains or water courses.
ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions
Do not allow spills to enter drains or watercourses.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).
If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1. Precautions for safe handling
See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage.
Incompatible materials: Oxidizers or Reducing Agents
See section 2 for further details. - [Storage]:

7.3. Specific end use(s)
No data available.

8. Exposure controls and personal protection

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000067-63-0</td>
<td>Isopropyl Alcohol</td>
<td>OSHA</td>
<td>TWA 400 ppm (980 mg/m3) STEL 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 200 ppm STEL: 400 ppm Revised 2003,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 400 ppm (980 mg/m3) ST 500 ppm (1225 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>0000102-71-6</td>
<td>Triethanolamine</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
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<td></td>
<td>ACGIH</td>
<td>TWA: 5 mg/m3</td>
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<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>0000107-41-5</td>
<td>2-methylpentane-2,4-diol</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
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<td>ACGIH</td>
<td>Ceiling: 25 ppm</td>
</tr>
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<td></td>
<td></td>
<td>NIOSH</td>
<td>C 25 ppm (125 mg/m3)</td>
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<td>Supplier</td>
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<tr>
<td>0000111-76-2</td>
<td>Ethylene glycol monobutyl ether</td>
<td>OSHA</td>
<td>TWA 50 ppm (240 mg/m3) [skin]</td>
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<td></td>
<td>ACGIH</td>
<td>TWA: 20 ppm Revised 2003,</td>
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<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 5 ppm (24 mg/m3) [skin]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
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</table>
Carcinogen Data

<table>
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<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
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<tr>
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<td>Isopropyl Alcohol</td>
<td>OSHA</td>
<td>Select Carcinogen: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;</td>
</tr>
<tr>
<td>0000102-71-6</td>
<td>Triethanolamine</td>
<td>OSHA</td>
<td>Select Carcinogen: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
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<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;</td>
</tr>
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<td>OSHA</td>
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<td>NTP</td>
<td>Known: No; Suspected: No</td>
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<tr>
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<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;</td>
</tr>
<tr>
<td>0000111-76-2</td>
<td>Ethylene glycol monobutyl ether</td>
<td>OSHA</td>
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<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
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<tr>
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<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;</td>
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<td>0000138-86-3</td>
<td>Dipentene</td>
<td>OSHA</td>
<td>Select Carcinogen: No</td>
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<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;</td>
</tr>
<tr>
<td>0009036-19-5</td>
<td>Octylphenoxypolyethoxyethanol</td>
<td>OSHA</td>
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</tr>
<tr>
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<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;</td>
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<tr>
<td>0068603-42-9</td>
<td>Coconut oil diethanolamine condensate</td>
<td>OSHA</td>
<td>Select Carcinogen: No</td>
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<td>NTP</td>
<td>Known: No; Suspected: No</td>
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<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

**Respiratory**
If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes**
Protective safety glasses recommended.

**Skin**
Wear overalls to keep skin contact to a minimum.

**Engineering Controls**
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

**Appearance**
Thin clear purple Liquid

**Odor**
Fragranced

**Odor threshold**
Not Measured

**pH**
7.5 ± 0.5

**Melting point / freezing point**
Not Established

**Initial boiling point and boiling range**
Not Established

**Flash Point**
Not Applicable
Safety Data Sheet
Auto Scrubber Neutral Floor Cleaner (Concentrate)
SDS Revision Date: 03/17/2015

Evaporation rate (Ether = 1) Not Established
Flammability (solid, gas) Not Applicable
Upper/lower flammability or explosive limits Not Established
Vapor pressure (Pa) Not Established
Vapor Density Not Established
Specific Gravity 0.95 (on dilution ≈ 1.0)
Solubility in Water Complete
Partition coefficient n-octanol/water (Log Kow) Not Measured
Auto-ignition temperature Not Established
Decomposition temperature Not Established
Viscosity (cSt) Not Established
VOC % Not Established
Percent Volatiles (by weight) > 10 (on dilution < 1.0)

9.2. Other information
No other relevant information.

10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Keep out of heat > 140F and cold < 30F.

10.5. Incompatible materials
Oxidizers or Reducing Agents

10.6. Hazardous decomposition products
Oxides of Carbon

11. Toxicological information

Acute toxicity
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in
dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

**Ingredient** | **Oral LD50, mg/kg** | **Skin LD50, mg/kg** | **Inhalation Vapor LD50, mg/L/4hr** | **Inhalation Mist LD50, mg/L/4hr** | **Inhalation Gas LD50, ppm**
--- | --- | --- | --- | --- | ---
Ethylene glycol monobutyl ether - (111-76-2) | 1,414, Guinea Pig Ctg: 4 | 1,200 Guinea Pig Ctg: 4 | 173 Guinea Pig Ctg: NA | No data | No data
Dipentene - (138-86-3) | 5,300, Rat - Ctg: NA | No data | No data | No data | No data
Octylphenoxypolyethoxyethanol - (9036-19-5) | 3,800, Rat - Ctg: 5 | No data | No data | No data | No data
2-methylpentane-2,4-diol - (107-41-5) | 3,700, Rat - Ctg: 5 | 7,892, Rabbit - Ctg: NA | No data | No data | No data
Isopropyl Alcohol - (67-63-0) | 4,710, Rat - Ctg: 5 | 12,800, Rat - Ctg: NA | 72.60, Rat - Ctg: NA | No data | No data
Coconut oil diethanolamine condensate - (68603-42-9) | No data | No data | No data | No data | No data

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

### Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>4</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>5</td>
<td>May be harmful in contact with skin. (Not adopted by US OSHA)</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>4</td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>1</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
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<td>Skin sensitization</td>
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<td>May cause an allergic skin reaction.</td>
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<td>Germ cell mutagenicity</td>
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<tr>
<td>Carcinogenicity</td>
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<td>Not Applicable</td>
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<tr>
<td>Reproductive toxicity</td>
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<td>STOT-single exposure</td>
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<td>STOT-repeated exposure</td>
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<td>Aspiration hazard</td>
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### 12. Ecological information

#### 12.1. Toxicity
Very toxic to aquatic life with long lasting effects.

**Aquatic Ecotoxicity**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
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</thead>
<tbody>
<tr>
<td>Ethylene glycol monobutyl ether - (111-76-2)</td>
<td>220.00, Fish (Piscis)</td>
<td>1,000.00, Daphnia magna</td>
<td>Not Available</td>
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<tr>
<td>Dipentene - (138-86-3)</td>
<td>0.0203, Pimephales promelas</td>
<td>0.0282, Daphnia magna</td>
<td>Not Available</td>
</tr>
<tr>
<td>Octylphenoxypolyethoxyethanol - (9036-19-5)</td>
<td>7.20, Oncorhynchus mykiss</td>
<td>8.60, Daphnia magna</td>
<td>0.21 (96 hr), Pseudokirchneriella subcapitata</td>
</tr>
<tr>
<td>2-methylpentane-2,4-diol - (107-41-5)</td>
<td>10,000.00, Lepomis macrochirus</td>
<td>2,800.00, Cerodaphnia reticulata</td>
<td>Not Available</td>
</tr>
<tr>
<td>Isopropyl Alcohol - (67-63-0)</td>
<td>1,400.00, Lepomis macrochirus</td>
<td>100.00, Daphnia magna</td>
<td>100.00 (72 hr), Scenedesmus subsppicatus</td>
</tr>
<tr>
<td>Triethanolamine - (102-71-6)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Coconut oil diethanolamine condensate - (68603-42-9)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>
12.2. Persistence and degradability
Octylphenol ethoxylates are extensively biodegraded in laboratory screening tests, but do not meet the stringent criteria for classification as readily biodegradable. These substances are inherently biodegradable to carbon dioxide and water, and numerous studies have shown that under conditions in which sufficient oxygen, nutrients, and microorganism concentrations occur, such as in soils, surface waters, and well-functioning wastewater-treatment facilities, the substances are extensively biodegraded. Treatment efficiencies vary, although most facilities typically remove between 80 and 90% (through a combination of biodegradation and adsorption).

12.3. Bioaccumulative potential
Not Measured

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects
No data available.

13. Disposal considerations

13.1. Waste treatment methods
Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

14. Transport information

14.1. UN number
DOT Not Applicable
IMO/IMDG Not Applicable
ICAO/IATA Not Applicable

14.2. UN proper ship. name
DOT Not Regulated
IMO/IMDG Not Regulated
ICAO/IATA Not Regulated

14.3. Transport hazard class(es)
DOT Hazard Class: N/A
DOT Label: ---

14.4. Packing group
DOT Not Applicable
IMO/IMDG Not Applicable
ICAO/IATA Not Applicable

14.5. Environmental hazards
IMDG Marine Pollutant: Yes (Dipentene)

14.6. Special precautions for user
No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not Applicable
15. Regulatory information

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

EU Legislation


National Legislation

None noted.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness and dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
R10 Flammable.
R11 Highly flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapors may cause drowsiness and dizziness.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable

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