Material Safety Data Sheet

Infosafe No™ LPW2U
Issue Date : November 2012
ISSUED by COLGATE

Product Name: CUDDLY FABRIC SOFTENER CONCENTRATE F1000 (ULTRA)

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: CUDDLY FABRIC SOFTENER CONCENTRATE F1000 (ULTRA)
Company Name: Colgate-Palmolive Pty Ltd (ABN 002 792 163)
Address: Australia: Level 14, 345 George Street, Sydney NSW 2000 Australia
Emergency Tel.: AUS 1800 638 556, NZ: 0800 764766
Telephone/Fax Number: Tel: AUS (02) 9229 5600 NZ: 04 576 6700 Fax: AUS (02) 9229 5700, NZ: 04 568 8835

Recommended Use: Fabric softener.

Other Names:
- CUDDLY SENSITIVE ULTRA
- CUDDLY FABRIC SOFTENER (ULTRA)

Other Information: New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

2. HAZARDS IDENTIFICATION

Hazard Classification:
- Not classified as hazardous
- Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
- Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Safety Phrase(s):
- S25 Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
<th>Hazard Symbol</th>
<th>Risk Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quaternised triethanolamine diester</td>
<td>91995-81-2</td>
<td>10-&lt;30 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISOPROPANOL</td>
<td>67-63-0</td>
<td>&lt;5 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Butylated hydroxytoluene</td>
<td>128-37-0</td>
<td>&lt;0.1 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Calcium chloride</td>
<td>10043-52-4</td>
<td>&lt;0.1 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-Bromo-2-nitropropane-1,3-diol</td>
<td>52-51-7</td>
<td>&lt;0.01 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Orthophosphoric acid</td>
<td>7664-38-2</td>
<td>&lt;0.01 %</td>
<td>C</td>
<td>R34</td>
</tr>
<tr>
<td></td>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>&lt;0.01 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phosphorous acid</td>
<td>10294-56-1</td>
<td>&lt;0.01 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ammonium chloride</td>
<td>12125-02-9</td>
<td>&lt;0.001 %</td>
<td>Xn, Xi</td>
<td>R22, R36</td>
</tr>
<tr>
<td></td>
<td>Hydrochloric acid</td>
<td>7647-01-0</td>
<td>&lt;0.001 %</td>
<td>C</td>
<td>R35, R37</td>
</tr>
<tr>
<td></td>
<td>Acetic acid</td>
<td>64-19-7</td>
<td>&lt;0.001 %</td>
<td>C</td>
<td>R10, R35</td>
</tr>
<tr>
<td></td>
<td>Mixture of: 5-chloro-2-methyl-2H-1-thiazol-3-one and 2-methyl-2H-1-thiazol-3-one (3:1)</td>
<td>55965-84-9</td>
<td>&lt;0.0015</td>
<td>Balance</td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation: None required. However, if breathing is affected, remove the source of contamination or move the affected person to fresh air. Ensure airways are clear. If symptoms develop seek medical attention.

Ingestion: Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

Skin: Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
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Product Name: CUDDLY FABRIC SOFTENER CONCENTRATE F1000 (ULTRA)

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Under fire conditions this product may emit toxic and/or irritating fumes.

Hazards from Combustion
Non combustible material.

Specific Hazards
Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Slippery when spilt. Avoid accidents, clean up immediately.
Small spill: Mop up & wash residue to drain with copious amounts of water.
Large spill: Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage
Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. Not corrosive to metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards
No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA</th>
<th>STEL</th>
<th>NOTICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic acid</td>
<td>10</td>
<td>25</td>
<td>-</td>
</tr>
<tr>
<td>Ammonium chloride</td>
<td>-</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>Butylated hydroxytoluene</td>
<td>-</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>Hydrochloric acid</td>
<td>5</td>
<td>7.5</td>
<td>(peak limitaton)</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>400</td>
<td>983</td>
<td>500 1230</td>
</tr>
<tr>
<td>Orthophosphoric acid</td>
<td>-</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol:</td>
<td>-</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>- particulates</td>
<td>-</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>- vapour and particulates</td>
<td>150</td>
<td>474</td>
<td>-</td>
</tr>
</tbody>
</table>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
## STEL (Short Term Exposure Limit)

The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

**Peak Limitation:** A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

No biological limit allocated.

### Biological Limit Values

- **Engineering Controls:** No special engineering controls required. Use with good general ventilation.
- **Respiratory Protection:** Not necessary under normal conditions of use. For industrial applications if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used.
- **Eye Protection:** Not necessary under normal conditions of use. For industrial applications wear safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1711, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
- **Hand Protection:** Not necessary under normal conditions of use. For industrial applications wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
- **Body Protection:** Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Smooth, free flowing, white viscous liquid.</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>0.99–1.01</td>
</tr>
<tr>
<td><strong>pH Value</strong></td>
<td>2–3</td>
</tr>
<tr>
<td><strong>Vapour Pressure</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapour Density (Air=1)</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>50–600 cps</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>Non-flammable</td>
</tr>
<tr>
<td><strong>Auto-Ignition Temperature</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammable Limits - Lower</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammable Limits - Upper</strong></td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

## 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical Stability</strong></td>
<td>Stable under normal conditions of storage and handling.</td>
</tr>
<tr>
<td><strong>Conditions to Avoid</strong></td>
<td>Contact with incompatible materials, heat and direct sunlight.</td>
</tr>
</tbody>
</table>
Cuddly Fabric Softener Concentrate F1000 (Ultra)

Not classified as hazardous

Incompatible Materials
Strong oxidising agents, materials that may react with water.

Hazardous Decomposition Products
Decomposition of this product may emit toxic and/or irritating fumes.

Hazardous Polymerization
Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No toxicity data are available for this material.

Inhalation
Not a likely source of exposure. May cause irritation to the mucous membranes and upper airways. Symptoms may include coughing, wheezing and shortness of breath.

Ingestion
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin
May cause redness, itching and irritation.

Eye
May cause eye irritation, tearing, stinging, blurred vision, and redness.

Chronic Effects
Prolonged or repeated exposure to this material may result in dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No ecological data available.

Persistence / Degradability
Not available

Mobility
Not available

Bioaccumulative Potential
Not available

Environ. Protection
Prevent large quantities of this material entering the environment.

13. DISPOSAL CONSIDERATIONS

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Regulatory Information
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule
Not Scheduled

16. OTHER INFORMATION
Material Safety Data Sheet

Infosafe No™ LPW2U  Issue Date : November 2012  ISSUED by COLGATE

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Date of preparation or last revision of MSDS
- MSDS Reviewed: November 2012
- Supersedes: September 2008

Contact Person/Point
- 24Hr Emergency Response
  - Australia- 1800 638 556
  - New Zealand- 0800 764 766

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