# Material Safety Data Sheet

## DYNAMO LIQUID - REGULAR

<table>
<thead>
<tr>
<th>Infosafe no.</th>
<th>IC082</th>
<th>Issue Date</th>
<th>September 2006</th>
<th>Status</th>
<th>ISSUED by COLGATE</th>
</tr>
</thead>
</table>

Classified as hazardous according to criteria of Worksafe Australia

## COMPANY DETAILS

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Colgate-Palmolive Pty Ltd (ACN 002 792 163)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Level 15, 345 George Street, Sydney</td>
</tr>
<tr>
<td></td>
<td>NSW 2000</td>
</tr>
<tr>
<td>Emergency Tel.</td>
<td>1800 638 556</td>
</tr>
<tr>
<td>Tel/Fax</td>
<td>Tel: (02) 9229 5600 Fax: (02) 9232 8448</td>
</tr>
</tbody>
</table>

## IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>DYNAMO LIQUID - REGULAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>None Allocated</td>
</tr>
<tr>
<td>Other Names</td>
<td>None Listed</td>
</tr>
<tr>
<td>UN Number</td>
<td>None Allocated</td>
</tr>
<tr>
<td>DG Class</td>
<td>None Allocated</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None Allocated</td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>None Allocated</td>
</tr>
<tr>
<td>Poisons</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td>Schedule</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td>Product Use</td>
<td>Laundry detergent.</td>
</tr>
</tbody>
</table>

## Physical Data

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Opaque blue liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.21</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
Flamm. Limit
LEL
Not applicable.

Flamm. Limit
UEL
Not applicable.

Solubility in Water
Soluble.

Other Properties

Autoignition Temp.
Not applicable.

Vapour Density
Not available.

pH Value
10.2 - 11.4

Odour
Not available.

Viscosity
4500 cps (25°C)

Stability
Stable under normal conditions of storage and handling.

Materials to Avoid
Strong oxidising agents.

Ingredients

<table>
<thead>
<tr>
<th>Ingredients determined not to be hazardous</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentasodium triphosphate</td>
<td>7758-29-4</td>
<td>10-30 %</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>1-10 %</td>
</tr>
<tr>
<td>Sodium ethoxylated lauryl alcohol sulphate</td>
<td>151-21-3</td>
<td>1-10 %</td>
</tr>
<tr>
<td>Sodium tridecyl benzene sulphonate (linear)</td>
<td>26248-24-8</td>
<td>1-10 %</td>
</tr>
<tr>
<td>FRAGRANCE</td>
<td></td>
<td>0-1 %</td>
</tr>
<tr>
<td>Dodecyl dimethyl benzyl ammonium chloride</td>
<td>139-07-1</td>
<td>0-1 %</td>
</tr>
</tbody>
</table>

HEALTH HAZARD INFORMATION

Health Effects

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

Acute - Eye
Irritating to the eye. May cause tearing, stinging, blurred vision, and redness.

Acute - Skin
Not usually hazardous by skin contact. However, for sensitive individuals, product may cause redness, itching and irritation.
Acute - Inhaled
Not usually hazardous by inhalation. However, for sensitive individuals inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Chronic
Prolonged or repeated exposure to this material may result in skin irritation leading to dermatitis.

First Aid

Swallowed
Do not induce vomiting. Immediately wash mouth out with water. If symptoms develop or persist, seek medical attention.

Eye
If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

Skin
Wash affected area thoroughly with water. If symptoms develop seek medical attention.

Inhaled
First aid measures not usually required. However, for sensitive individuals if inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Advice to Doctor

Advice to Doctor
Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits
No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

Eng. Controls
No special engineering controls required.

Personal Protection

Respirator Type
(AS 1716)
Generally not required. However for industrial use, reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
### Flammability

### SAFE HANDLING INFORMATION

#### Storage and Transport

<table>
<thead>
<tr>
<th>Storage Precautions</th>
<th>Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.</td>
</tr>
<tr>
<td>Handling</td>
<td>When dealing with this product, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>None Allocated</td>
</tr>
</tbody>
</table>

#### Spills and Disposal

| Accidental Release Measures | Slippery when spilt - avoid accidents. Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain spills, absorb with inert absorbent such as vermiculite and place in a suitably labelled container. Mop up material and place into a disposable container. Hose down residues or minor spills with excess water. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. |

Disposal Considerations
Dispose of waste according to federal, EPA and state regulations.

Fire/Explosion Hazard

Hazardous Combustion Products
Not combustible.

Hazardous Decomposition or Byproducts
None known.

Hazchem Code
None Allocated

Conditions to Avoid
Not available.

OTHER INFORMATION

Environ. Protection
Prevent unnecessarily large amounts from entering the waterways.
Risk Statement
R36 Irritating to eyes.

Safety Statement
S25 Avoid contact with eyes.

Hazard Category
Irritant

Ecotoxicity
No data is available for this material.

Persistence / Degradability
No data is available for this material.

Mobility
No data is available for this material.

SDS History
MSDS created: July 2001
MSDS reviewed: September 2006

CONTACT POINT

Contact
24Hr Emergency Response - 1800 638 556

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End of MSDS