

# Material Safety Data Sheet

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Infosafe No™ LPYM3 Issue Date : November 2009 ISSUED by COLGATE

Product Name : DYNAMO ULTRA HDL DETERGENT- REGULAR

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** DYNAMO ULTRA HDL DETERGENT- REGULAR  
**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** Laundry detergent  
**Other Information** New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
**Safety Phrase(s)** S25 Avoid contact with eyes.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** A mixture of water and additives.

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Pentasodium Triphosphate	7758-29-4	10-30 %
	Sodium tridecyl benzene sulphonate (linear)	26248-24-8	10-30 %
	Sodium alkyl ethoxy sulphate	68585-34-2	<5 %
	Sodium carbonate	497-19-8	<5 %
	Perfume	Mixture	<1 %
	Formaldehyde	50-00-0	<0.01 %
	Ingredients Determined to be Non-Hazardous		Balance

## 4. FIRST AID MEASURES

**Inhalation** If breathing is affected, remove source of contamination or affected person to fresh air. If irritation persists, seek medical attention.  
**Ingestion** Do NOT induce vomiting. Wash out mouth with water. If symptoms develop or persist, seek medical attention.  
**Skin** Remove all clothing from affected area. Wash skin with running water and mild soap. Wash removed clothing before reuse or discard. If irritation develops, seek medical attention.  
**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. If irritation develops seek medical attention.  
**First Aid Facilities** Eye wash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing media suitable for surrounding environment.

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**Hazards from Combustion Products Specific Methods** Under fire conditions this product may emit toxic and/or irritating fumes.

**Specific Hazards** Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise exposure.

**Precautions in connection with Fire** Non-flammable. However under fire conditions, once the aqueous component has been driven off the dried residue may combust. Fire-exposed containers may rupture/explode.

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.

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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Slippery when spilt. Avoid accidents, clean up immediately.

Small spill: Mop up and wash residue to drain with copious amounts of water.

Large spill: Contain and place absorbent material onto spillage. Collect and place into a suitable labelled container. Clean area with water, collect residue and place into the same container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

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## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Avoid eye contact. Build-up of vapours or mist in the working atmosphere must be prevented. Ensure ventilation is adequate. Keep containers closed when not in use. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry place, out of direct sunlight. Avoid contact with incompatible materials such as strong oxidising agents. Protect from frost.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No value is assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC) Australia, however the available exposure limits on the ingredients as provided by NOHSC are as follows:

Substance	TWA		STEL		NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Formaldehyde	0.3	0.36	0.6	0.72	Sen

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.

'Sen' Notice: The substance may cause sensitization by skin contact or by inhalation.

**Biological Limit Values** No Biological limit available.

**Engineering Controls** No special engineering controls required. However, under industrial applications, provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.

**Respiratory Protection** Not required under normal conditions of use. However for industrial applications, if engineering controls are not effective in keeping airborne concentrations below exposure limit, then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, 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.

**Eye Protection** Not required under normal conditions of use. However, avoid eye contact.

Industrial Applications: The use of safety glasses as appropriate when handling large quantities. Refer to Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

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<b>Hand Protection</b>	Not required under normal conditions of use. However 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.
<b>Footwear</b>	Not required under normal conditions of use. Industrial Applications: Safety boots with non-slip soles as required. Refer to Australian Standard AS 2210- Safety footwear.
<b>Body Protection</b>	Not required under normal conditions of use. Industrial Applications: Suitable impervious protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Opaque blue liquid.
<b>Odour</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Soluble
<b>Specific Gravity</b>	1.23
<b>pH Value</b>	10.2-11.4
<b>Vapour Pressure</b>	Not available
<b>Viscosity</b>	3500 cps at 25°C
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Non-flammable, however if involved in a fire may release toxic gases.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage, handling and use.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicity data is available for this specific product, however the data available for the ingredients are as follows: Formaldehyde: LD50 (Rat, Oral): 500 mg/kg LC50 (Rat, Inhalation): 250 ppm/4H
<b>Inhalation</b>	Inhalation of mist may result in respiratory irritation.
<b>Ingestion</b>	Ingestion of large quantities of this product may irritate the gastric tract, causing possible nausea and vomiting.
<b>Skin</b>	May cause irritation to individuals with sensitive skin.
<b>Eye</b>	May cause irritation in contact with the eyes, including redness, stinging and lachrymation.
<b>Chronic Effects</b>	Not available

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity** Not available  
**Persistence / Degradability** Not available  
**Mobility** Not available  
**Environ. Protection** Prevent large quantities of the material from entering the environment.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

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**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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## 15. REGULATORY INFORMATION

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**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 Drugs and Poisons (SUSDP).  
**Poisons Schedule** Not Scheduled

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** MSDS created: November 2009  
**Contact Person/Point** 24Hr Emergency Response  
Australia- 1800 638 556  
New Zealand- 0800 764 766  
...End Of MSDS...

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