

Material Safety Data Sheet

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Infosafe No™ LPXVX Issue Date : November 2008 ISSUED by COLGATE

Product Name **COLD POWER ULTRA FRONT LOADER LAUNDRY LIQUID - HIGH EFFICIENCY**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name COLD POWER ULTRA FRONT LOADER LAUNDRY LIQUID - HIGH EFFICIENCY
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 Australia:
 Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
 Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

 New Zealand:
 Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
 Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

 HSNO Classification:
 6.3B - Substance that is irritating to the skin.
 6.4A - Substance that is irritating to the eye.
 6.5B - Substance that is a contact sensitiser.

 Hazard Statement Codes:
 H316 Causes mild skin irritation.
 H320 Causes eye irritation
 H317 May cause an allergic skin reaction.

 Precautionary Statement Codes - Prevention:
 P103 Read label before use. - This statement applies only where the substance is available to the general public.
 P104 Read Safety Data Sheet before use.
 P264 Wash hands thoroughly after handling.
 P261 Avoid breathing mist, vapours or spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves.

 Precautionary statement codes - Response:
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.

 Precautionary Statement Codes - Storage:
 No storage statements.

 Precautionary Statement Codes - Disposal:
 P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

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Safety Phrase(s) S25 Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition A mixture of water and additives including those listed below.

Ingredients	Name	CAS	Proportion
	Pentasodium Triphosphate	7758-29-4	10-<30 %
	Sodium tridecyl benzene sulphonate	26248-24-8	10-<30 %
	Sodium ethoxylated lauryl alcohol sulphate	151-21-3	1-<10 %
	Sodium carbonate	497-19-8	1-<10 %
	1,3-Dihydroxymethyl-5,5-dimethylhydantoin	6440-58-0	0.1-<1 %
	Perfume	Mixture	0.1-<1 %
	Formaldehyde	50-00-0	<0.01 %
	Other ingredients determined not to be hazardous		To 100%

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.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of sulphur, oxides of phosphorus and oxides of nitrogen.
Specific Hazards	Non-flammable. However under fire conditions, once the aqueous component has been driven off the dried residue may burn. Fire-exposed containers may rupture/explode.
Precautions in connection with Fire	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 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 contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations. Dispose of waste according to applicable local and national regulations.
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7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid eye contact. Prevent the build-up of vapours or mist in the working atmosphere. 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.

Corrosiveness Not corrosive

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. The available exposure limits for the ingredients are listed below:

Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

Substance	TWA		STEL		NOTES
	ppm	mg/m ³	ppm	mg/m ³	
Formaldehyde	0.3	0.36	0.6	0.72	Sen

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA		STEL		NOTES
	ppm	mg/m ³	ppm	mg/m ³	
Formaldehyde	1	1.2	-	-	Sen; Ceiling

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.

Ceiling: A concentration that should not be exceeded during any part of the working day.

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

Biological Limit Values No biological limit allocated.

Engineering Controls No special engineering controls required. However, under industrial applications, provide sufficient ventilation to keep airborne levels below the exposure limits. 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 Standard 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/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection For extended contact with the liquid wear gloves of impervious material, e.g. PVC, nitrile or laminated film. Reference should be made to Australian/New Zealand Standard AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Footwear 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.

Body Protection Not required under normal conditions of use.

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Industrial Applications: Suitable impervious protective clothing. Industrial clothing should conform to the specifications detailed in Australian/New Zealand Standard AS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque blue liquid.
Odour	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity	1.24
pH Value	10.0-11.0
Vapour Pressure	Not available
Viscosity	4000 cps at 25°C
Flash Point	Not applicable
Flammability	Non-flammable, however if involved in a fire may release toxic gases.
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage, handling and use.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including oxides of carbon, nitrogen, sulphur and phosphorus.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this specific product, however the data available for the ingredients are as follows: Formaldehyde: LD50 (Oral, Rat): 500 mg/kg LC50 (Inhalation, Rat): 250 ppm/4H For Sodium Laureth Sulfate: LD50(Oral, Rat) 1600mg/kg
Inhalation	Inhalation of mist may result in respiratory irritation.
Ingestion	Ingestion of this product may irritate the gastric tract, causing possible nausea and vomiting.
Skin	May cause irritation to individuals with sensitive skin.
Eye	May cause irritation in contact with the eyes, including redness, stinging and tearing.
Chronic Effects	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence / Degradability	Not available

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Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Do not discharge product into waterways.

13. DISPOSAL CONSIDERATIONS

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

Transport Information	Australia Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). New Zealand: Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.
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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 Drugs and Poisons (SUSDP).
Poisons Schedule	Not Scheduled
National and or International Regulatory Information	New Zealand: Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Group Standard: Cleaning Products (Subsidiary Hazard) Group Standard 2006 HSNO Approval Number: HSR002530 All components of this product are listed on the New Zealand Inventory of Chemicals (NZIC), or otherwise are in compliance with ERMA requirements.
AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS), or otherwise are in compliance with the NICNAS requirements.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Created: November 2008
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Contact Person/Point	24Hr Emergency Response Australia- 1800 638 556 New Zealand- 0800 764 766
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User Codes	<u>User Field Title</u>	<u>User Code</u>
	Field 2	B0293345X AU
	Field 3	X-0293345 (AU11)
	Field 4	433704
	...End Of MSDS...	

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