

Material Safety Data Sheet

CS: 1.4.92

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

Product Name : COLD POWER FL & HE ULTRA CONCENTRATE

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name COLD POWER FL & HE ULTRA CONCENTRATE

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 washing detergent.

Other Names Name Product Code
COLD POWER FRONT LOADER ULTRA

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

2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) R36 Irritating to eyes.

Safety Phrase(s) S2 Keep out of reach of children.
S22 Do not breathe dust.
S25 Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Sodium carbonate	497-19-8	10-<30 %
	Sodium tridecyl benzene sulphonate (linear)	26248-24-8	10-<30 %
	Ethoxylated C12-C15 alcohol	68131-39-5	1-<10 %
	Pentasodium triphosphate	7758-29-4	1-<10 %
	Sodium silicate	1344-09-8	1-<5 %
	Enzyme preparation	Mixture	<0.5 %
		101-86-0	<0.1 %
	a-Hexylcinnamaldehyde		
	Sodium hydroxide	1310-73-2	<0.1 %
	Ingredients determined not to be hazardous		To 100%

4. FIRST AID MEASURES

Inhalation If inhaled, remove to fresh area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion Do not induce vomiting. Immediately wash mouth and lips thoroughly with water. Seek medical attention.

Skin Wash affected area thoroughly with water. If irritation develops, discontinue use. If symptoms persist 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. Seek medical attention.

First Aid Facilities Normal washroom facilities.

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Product Name : **COLD POWER FL & HE ULTRA CONCENTRATE****Advice to Doctor** Treat symptomatically.**Other Information** For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Foam, dry chemical powder, carbon dioxide, water spray or water fog.**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of phosphorus and oxides of sulphur.**Specific Hazards** Combustible solid; will decompose and/or burn under fire conditions. Product can accumulate static charges which can cause an incendiary electrical discharge. The finely divided dust, in sufficient quantity, may form flammable/explosive mixtures with air.**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to prevent inhalation and eye exposure. Sweep up material avoiding dust generation or where possible use dustless methods such as vacuum to collect the material and transfer into suitable labelled containers for subsequent recycling or disposal. 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.

7. HANDLING AND STORAGE

Precautions for Safe Handling Do not create dust during use. Wear gloves and eye protection. 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 well-ventilated area away from heat, sources of ignition, oxidising agents and foodstuffs, and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.**Corrosiveness** Not corrosive to metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Sodium hydroxide	-	2	-	-	Peak limitation

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.**Biological Limit Values** No biological limit allocated.**Engineering Controls** Normally not required. Use in a well ventilated area. Do not create dusts.**Respiratory Protection** Where sufficient ventilation is not available, avoid breathing dusts by wearing an AS/NZS 1716 approved particulate/dust filter respirator; however final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will

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Eye Protection	vary according to individual circumstances. 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. The use of chemical goggles or safety glasses with side shield protection is recommended if there is a risk of eye exposure. 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 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear impervious gloves e.g. PVC, nitrile or butyl rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances. Reference should be made to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.
Body Protection	Under industrial conditions, suitable work wear, e.g. cotton overalls buttoned at neck and wrist should be worn. When large quantities are handled the use of plastic aprons is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder.
Odour	Pleasant, fragrant odour.
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity	0.78
pH Value	9.0-11.0
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Viscosity	Not available
Flash Point	Not applicable
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 use and storage.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes, including carbon monoxide, carbon dioxide, oxides of phosphorus and oxides of sulphur.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Not available
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

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Skin	May be irritating to the skin. Symptoms may include itching and redness of the skin.
Eye	Irritating to eyes. Symptoms may include redness, tearing, stinging and blurred vision.
Chronic Effects	Repeated or prolonged exposure to this material may cause skin sensitisation in some individuals. Inhalation of enzyme dust or aerosols resulting from handling may induce sensitisation and may cause allergic reactions in sensitized individuals. Prolonged skin contact may cause minor irritation. The preparation is irritating to eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Avoid contaminating 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	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
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15. REGULATORY INFORMATION

Regulatory Information	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
Hazard Category	Irritant
AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

16. OTHER INFORMATION

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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