



Material Safety Data Sheet

HDL LAUNDRY DETERGENT

1. Identification of the material and supplier

PRODUCT NAME: HDL LAUNDRY DETERGENT
OTHER NAMES: LAUNDRY DETERGENT HDL; HDL
RECOMMENDED USE: DETERGENT- LAUNDRY POWDER

COMPANY: Cleveland Cleaning Supplies Pty Limited
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EMERGENCY TELEPHONE: 000
POISONS INFORMATION CENTRE PHONE: 13 11 26 (24 hrs)
FOR EMERGENCY RESPONSE: 000

2. Hazards identification

DANGEROUS GOODS Classified as hazardous according to the criteria of NOHSC, ASCC

RISK PHASES C Corrosive
R34 Causes burns
R37 Irritating to the respiratory system.

SAFETY PHASES S1/2 Keep locked up and out of reach of children
S13 Keep away from food and drink and animal feedstuff.
S24/25 Avoid contact with the skin & eyes.
S36 Wear suitable protective clothing
S37 Wear suitable gloves
S39 Wear eye/face protection
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

3. Composition/ information on ingredients

<u>NAME</u>	<u>CAS</u>	<u>PROPORTION</u>
Disodium Metasilicate	6834-92-0	>60%

The ingredients below are **not** considered hazardous or dangerous goods according to the criteria of NOHSC, ASCC and ADG code (respectively) at the levels used in this product.

Other ingredients determined not to be hazardous <30%

4. First Aid measures

SWALLOWED Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. If swallowed DO NOT induce vomiting. For advice contact a Poisons information Centre Phone Australia 13 1126 or a doctor.

EYE Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes, by the clock, holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Obtain medical attention immediately.

SKIN If skin or hair contact occurs, remove contaminated clothing, shoes and leather goods. As quickly as possible, flush contaminated area with lukewarm, gently running water.

INHALED If symptoms are experienced, such as cough, dry throat, difficulty in breathing, nasal congestion and headaches or dizziness remove source of contamination or move victim to fresh air.



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FIRST AID FACILITIES Ensure eyewash and safety shower facilities are available in workplace.

Additional information / Aggravated medical conditions

No known effect

5. Fire fighting measures

Suitable extinguishing media

NON FLAMMABLE

Large fire

Use water spray and fog

Fight fire from protected position or use unmanned hose holders or monitor nozzles.

If safe to do so, move undamaged containers from fire area – Do not approach hot containers

Cool containers with water before handling

If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Special protective precautions and equipment for fire fighters

Wear SCBA and protective gloves. Structural fire-fighters uniform provides limited protection. If large amounts are involved wear SCBA and chemical splash suit.

HAZCHEM CODE 2X

6. Accidental release measures

Restrict access to area until completion of clean up. Ensure clean up is conducted by trained personnel only. Wear protective clothing including facemask, face shield and gauntlets. Prevent material from entering sewers or confined spaces. Sweep up & put material in suitable, covered, labelled containers.

Disposal: review federal, state and local government requirements prior to disposal.

7. Handling and storage

STORAGE INCOMPATIBILITY

Avoid storage with Acids. Incompatible with acids, will cause release of toxic chlorine gas.

STORAGE REQUIREMENTS

Keep out of reach of children

Keep locked up

Store away from incompatible materials.

Avoid storage at temperatures higher than 30°C

Protect containers against physical damage.

8. Exposure controls / Personal protection

NATIONAL EXPOSURE STANDARDS

No exposure standards have been established for this material, however, the TWA National Occupational Health & Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m³.

ENGINEERING CONTROLS Use in well ventilated areas.

PERSONAL PROTECTION

RESPIRATOR TYPE

Where ventilation is not adequate, respiratory protection may be required. An approved dust particle half mask should be used. Respiratory protection should comply with AS/NZS 1715.

EYE PROTECTION

Safety glasses or chemical goggles. Failure to do so may result in eye damage if an accident occurs.

GLOVE TYPE
CLOTHING

Chemical resistant gloves provide adequate protection.

Wear protective plastic or PVC apron to prevent contact with clothing.



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Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. Physical and chemical properties

APPEARANCE	White Powder	
ODOUR	Not Determined	
PH	13.5 @ 1% concentration	
VAPOUR PRESSURE	Not Determined	
VAPOUR DENSITY	Not Determined	
BOILING POINT	Not applicable	
BOILINGRANGE	Not applicable	
MELTING POINT	Not available	
SOLUBILITY IN WATER	Miscible	
SPECIFIC GRAVITY	Not applicable	water = 1.000
FLASH POINT	Non Flammable	
FLAMMABILITY LIMITS	Not applicable	

10. Stability and reactivity

Stable under normal conditions of storage and use

11. Toxicological information

Health effects from acute exposure

SWALLOWED	Corrosive. Can cause damage to throat, lungs and stomach.
EYE	Corrosive and may cause severe or permanent eye damage, Concentrated solutions can cause severe irritation and corrosion injury unless washed out immediately
SKIN	Irritating to skin. Brief contact may cause redness. Repeated or prolonged contact may result in corrosion.
INHALED	Can be irritating to the nose, throat and upper respiratory tract.

Health effects from chronic exposure

Prolonged or repeated contact may cause dermatitis. No other specific data is available for the product for chronic exposure symptoms.

12. Ecological information

No Data

13. Disposal considerations

Disposal: Review federal, state and local government requirements prior to disposal.

14. Transport information

TRANSPORTATION

UN CLASS	3262
PROPER SHIPPING NAME	Corrosive Solid Basic, Inorganic, N.O.S
DG CLASS	8
SUBSIDIARY RISK	none allocated
PACKAGING GROUP	III
RECOMMENDED USE	DETERGENT- LAUNDRY POWDER.

15 Regulatory information

POISONS SCHEDULE 5



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16. Other information

Produced by: Cleveland Cleaning Supplies Pty Limited, ABN: 61 001 175 748

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END OF REPORT
