

Material Safety Data Sheet

CHEMICAL IMPROVEMENT CO. PTY LTD

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1. Identification of Preparation

Product Name: Lemon Laundry Powder**Synonyms:** Eco Laundry Powder**CAS-No.:****Molecular Formula:**

2. Composition/Information on Ingredients

Recommended use: Washing clothes**Appearance:** Free flowing blue powder

Chemical entity	c.a.s. no.	proportion
Sodium Carbonate	497-19-8	30-60%
Dodecyl Benzene Sulphonate	25155-30-0	<10%
Sodium Metasilicate	6834-92-0	<10%
Lemon Grass Oil	470-82-6	<10%
Non Hazardous		balance

3. Hazards Identification

The substance is Hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 3rd Edition.

Hazard Category**Xi** Irritant**R-phrases**

R36/38 Irritating to eyes and skin

S-phrases

S2 Keep out of reach of children

S22 Do not breathe dust

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

Not classified as Dangerous Goods for the purpose of transport by Road or Rail. Refer to relevant regulations for storage and transport requirements.

Poisons Schedule (Aust)/Toxic Substance(NZ): S5

4. FIRST AID MEASURES

Poison Information Centres in each State Capital city can provide additional assistance for scheduled poisons.

INGESTION: Rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek medical assistance.

EYE CONTACT: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SKIN CONTACT: Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.

INHALATION: Remove to fresh air. Seek medical advice if symptoms persist.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Not flammable. Use media appropriate for surrounding fire (CO₂, Dry Chemical, Alcohol or Polymer Foam, or water Spray)

Special Fire Fighting Procedure: Wear self contained breathing apparatus

and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosive hazards: None

6. ACCIDENTAL RELEASE MEASURES

Steps if material released/Spilled: Shovel/sweep up loose material and place in appropriate container. Be sure and wear protective equipment (respirator, safety goggles, rubber boots and gloves) Ventilate area and wash spill site after pick up is complete.

Neutralising Agent: None listed

Other precautions: Avoid skin and eye contact. Avoid inhalation of solid material.

7. HANDLING & STORAGE

STORAGE: Store in a child safe sealed container. Keep container closed at all times.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

No value assigned for this material by the National Occupational Health and Safety Commission (Worksafe Australia)

ENGINEERING MEASURES

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and inhaling mists. Use with local exhaust ventilation or while wearing organic vapour respirator or particulate respirator meeting the requirements of AS1715 and AS1716. Keep containers closed when not in use.

PERSONAL PROTECTION EQUIPMENT

Respiratory: A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV are exceeded.

Protective gloves: Rubber, Neoprene, PVC or equivalent.

Eye protection: Splash proof chemical safety goggles.

Other protective equipment: Lab coat, eye wash and safety shower.

Work Hygienic Practices: Wash thoroughly after handling.

9. CHEMICAL AND PHYSICAL PROPERTIES

Form/Colour/Odour: Free flowing blue powder with lemon odour.

Solubility: Dispersible in water

Specific Gravity (25 C) 1.0 Melting Point (C): N App

Rel Vapour Density N Av Boiling Point (C) N App

Vapour Pressure (25 C) N Av Decom. Point (C) N Av

Flash Point * Sublimation Point: N App

Flammability Limits N App pH: 11 (1% Soln)

Autoignition Temp: N App Viscosity: N App

% Volatile by volume 0.5 Evaporation Rate: N Av

N Ap = Not applicable N Av = Not Available

10. STABILITY AND REACTIVITY

Stability: Stable over a wide range of pressures and temperatures. Will not react with most other chemicals.

11. TOXICOLOGICAL INFORMATION

Main symptoms: No adverse health effects expected if the product is handled in accordance with the Safety Data Sheet and the label.

Symptoms that may arise if the product is mishandled are:

Ingestion: Swallowing can result in nausea, vomiting and abdominal pain.

Eye contact: A severe eye irritant.

Skin contact: Contact with skin may result in skin irritation.

Inhalation: Irritating to respiratory system

Long Term Effects: No information available for product.

Acute toxicity/Chronic Toxicity: No information available for product.

12. ECOLOGICAL INFORMATION

No information available for product

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority.

14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods for the purpose of transport by road or rail.

UN No.:

Class:

Hazchem Code:

EPG:

Packaging Group:

Proper Shipping Name:

Segregation Dangerous Goods: Non dangerous goods for transport

15. REGULATORY INFORMATION

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16. OTHER INFORMATION

Issue Date: 20/2/10 Author: C.I. Bright

Poisons Information Centres All States: 131126

17. DISCLAIMER

The information contained herein is provided in good faith and is believed to be correct as at the date hereof. No representation as to the comprehensiveness or accuracy of information provided is taken. It is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Accordingly we shall not be responsible for damages of any kind resulting from the use or reliance upon such information.

APPENDIX 1 - INFORMATION SOURCES

1. HAZARD CLASSIFICATION (SEE ALSO CARCINOGENS)

List of Designated Hazardous Substances

NOHSC (National Occupational Health & Safety Commission).

A database of the more common hazardous substances, which provides guidance on the appropriate Risk and Safety information for the MSDS.

Free at:

<<http://www.nohsc.gov.au/OHSInformation/Databases/HazardousSubstances/>>

Classification, hazardous substances, Risk phrases and Safety phrases.

Approved Criteria for Classifying Hazardous Substances

NOHSC (National Occupational Health & Safety Commission).

This document outlines the approved Australian classification criteria used in determining whether a substance is hazardous.

Free at:

http://www.nohsc.gov.au/OHSInformation/NOHSCPublications/fulltext/standards/nohsc1008_toc.htm

2. NOHSC CODES OF PRACTICE

The following codes of practice provide useful information on hazardous substances and Dangerous Goods.

Hazardous Substances

National Code of Practice for the Control of Workplace Hazardous Substances [NOHSC:2007(1994)].

Free

at:

<<http://www.nohsc.gov.au/OHSInformation/NOHSCPublications/fulltext/toc/H3-12.htm>>

National Code of Practice for the Control of Scheduled Carcinogenic Substances [NOHSC:2014(1995)].

Free

at:

<<http://www.nohsc.gov.au/OHSInformation/NOHSCPublications/fulltext/toc/H3-20.htm>>

Dangerous Goods

National Standard for the Storage and Handling of Workplace Dangerous Goods [NOHSC:1015(2001)].

Free at: http://www.nohsc.gov.au/pdf/standards/NOHSC-2017-2001_COP_pt01.pdf

3. AUSTRALIAN STANDARDS

The Australian Standards for the following classes of Dangerous Goods form an important part of the Dangerous Goods framework and contain useful guidance for the control of the hazards associated with these classes of Dangerous Goods.

Class 2 - Gases

AS/NZS 1596 The storage and handling of LP gas.

AS 1894 Code of practice for the safe handling of cryogenic fluids.

AS 2022 SAA anhydrous ammonia code.

AS 2927 The storage and handling of liquefied chlorine gas.

AS 3961 Liquefied natural gas - storage and handling.

AS 4332 Storage and handling of gases in cylinders.

Class 3 - Flammable and Combustible Liquids

AS 1940 The storage and handling of flammable and combustible liquids.

Class 5 - Oxidizing Agents and Organic Peroxides

AS 2714 The storage and handling of hazardous chemical materials - Class 5.2 substances (organic peroxides).

AS 4326 The storage and handling of oxidising agents.

Class 6 - Toxic Substances

AS/NZS 4452 The storage and handling of toxic substances.

AS 4081 The storage, handling and transport of liquid and liquefied polyfunctional isocyanates.

Class 8 - Corrosive Substances

AS 3780 The storage and handling of corrosive substances.

Class 9 - Miscellaneous

AS/NZS 4681 The storage and handling of Class 9 (miscellaneous) Dangerous Goods and articles.

Mixed Classes

AS/NZS 3833 The storage and handling of mixed classes of Dangerous Goods in packages and intermediate bulk containers.

Subscription details at: <<http://www.standards.com.au>>

4. EXPOSURE STANDARDS

Exposure Standards for Atmospheric Contaminants in the Occupational Environment.

Exposure Standards Database.

NOHSC (National Occupational Health & Safety Commission).

The Exposure Standards database is a searchable database providing the airborne concentrations of individual chemical substances, which according to current knowledge should neither, impair the health of, nor cause undue discomfort to, nearly all workers. The exposure standards serve as guides only.

5. PERSONAL PROTECTIVE EQUIPMENT

HAZARDTEXT

Micromedex.

HAZARDTEXT information to assist with the management of hazardous chemical incidents such as spills or leaks - toxicity, fire and explosion data, chemical reactivity, personal protective equipment and disposal guidelines. A good source of information on personal protective equipment.

Subscription details at: <<http://www.micromedex.com>>

Hazardous substances, chemical spills, emergency procedures, and personal protective equipment.

6. TOXICITY REVIEWS

The following sources provide full text reviews of the toxicity of chemical substances.

Environmental Health Criteria

International Programme on Chemical Safety.

These criteria are reviews of environmental and toxicological literature on chemicals and physical agents published as a joint venture of the United Nations Environment Programme, the International Labour Organization and the World Health Organization.

Free at: <http://www.inchem.org/pages/ehc.html>

END OF MATERIAL SAFETY DATA SHEET