

ENVIRO CHEMICALS AUSTRALIA PTY LTD

ABN: 22 094 087 493 ACN: 094087493

Tel: (02) 9755 2012

Fax: (02) 9726 1457

www.envirochemicals.com.au

Email: info@envirochemicals.com.au

"Products That Don't Cost The Earth"

Enviro Laundry Powder

"Phosphate Free"

"A breakthrough in how you wash your clothes"

"Cost effective"

"Removes stains with ease"

Enviro Laundry Powder is a new and innovative concentrate laundry powder with a fast dissolving formula that targets stubborn stains and leaves your clothes totally clean in every aspect. Special selection of raw materials has enabled us to create a power packed laundry powder that is cost effective and safe on sensitive skin and the environment. Enviro Laundry Powder can be used in both commercial and household laundries and it is safe to use in conjunction with a septic system.

OPTICAL BRIGHTENER

Enviro Laundry Powder contains one of the most powerful optical brighteners available in the market place. It has been independently tested in Germany with results that show improving results wash after wash. Whites become whiter, colours become brighter!

STAIN RELEASE

Enviro Laundry Powder has special "stain release" properties that work to effectively remove even the most stubborn of stains. Hard to come off stains are a thing of the past. No need to pre-spray.

IN-BUILT SOFTENER

Enviro Laundry Powder has an in-built softener that softens the water in hard water areas for a better wash... this saves you money!

POWER PACKED INGREDIENTS

Enviro Laundry Powder is concentrate packed full of heavy-duty and safe active ingredients. We **DO NOT** add non-active ingredients to our product that is **NOT** necessary which has no effect when washing your clothes. Every wash is a great wash.

INNOVATIVE FRAGRANCE

Nothing says clean like a long lasting pleasant fragrance. Enviro Laundry Powder contains a specially designed fragrance that lingers on your clothes. Your clothes will look and feel clean...and smell clean. Lemon and lavender fragrances are outdated.

DILUTION - 1/4 to 1/2 cup for top loading machines.

PACKAGING - 25 KG, 15 KG pails and 5 KG pails.

*You don't have to settle for second best to save money when washing your clothes.
Step-up to the new level in laundry products.*

Use Enviro Laundry Products and you will never settle for second best again.

*We trust this product will be of interest to you.
Please do not hesitate to contact us if we can be of further assistance*

Certificate of Analysis

Dated: 05/02/2015

CLIENT: Enviro Chemicals Pelikan Artline 17-19 Waterloo Street Quenbeyan NSW 2620	REF NO: 1500784
ATTN: Erkan Ergun	ORDER NO: not given
SAMPLE DESCRIPTION: 1 x Laundry Powder	DATE RECEIVED: 14/01/15 DATE COMMENCED: 03/02/15

EXAMINATION: Anti-microbial Activity Challenge Test (Time-Kill Study)

METHOD: TMD 110

CONDITIONS:

Test organisms:	<i>Staphylococcus aureus</i> ATCC 6538	<i>Escherichia coli</i> NCTC 8196
Test Concentration:	1.5% w/v	
Contact Time:	20 minutes	
Test Temperature:	Ambient	
Interfering Substance:	Dirty Condition	
Neutralizer:	T6 1:10 (TSB + Lecithin + Tween 80)	

RESULTS:

Table 1: Surviving organisms after exposure to Laundry Powder

Contact Time	Inoculum Count	Laundry Powder	
	CFU/mL (log ₁₀)	CFU/mL (log ₁₀)	Log Reduction
20 minutes			
<i>Staphylococcus aureus</i>	4.0 x 10 ⁷ (Log 7.60)	< 10 (Log 1.0)	> 6.60
<i>Escherichia coli</i>	3.5 x 10 ⁷ (Log 7.54)	< 10 (Log 1.0)	> 6.54

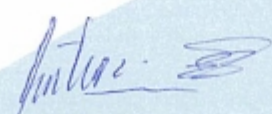
CFU = Colony Forming Unit

COMMENTS:

The sample "Laundry Powder" has demonstrated significant antibacterial activity against *Staphylococcus aureus* and *Escherichia coli*, by achieving a greater than 6.0 log reductions which equates to 99.9999% kill; when tested under the conditions described above.

Signed:

Imtiaz Ahmed
Sterile Product Testing Manager





ENVIRO
CHEMICALS

" Products that don't cost the Earth "



SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Enviro Laundry Powder

Uses: Laundry detergent.

COMPANY DETAILS :

Company: Enviro Chemicals (Aust.) Pty Ltd.
(A.C.N : 094087493)

Address: 740-744 Woodville Road Fairfield East
NSW 2165.

Emergency PH: (02) 9755 2012 (**Business hour**) or

Poisons Information Centre Telephone: 13 11 26

2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

THIS PRODUCT IS CLASSIFIED AS: NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA.

NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

RISK PHRASES: R66. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

SAFETY PHRASES: S23, S36, S24/25. DO NOT BREATHE VAPOURS OR MISTS. WEAR SUITABLE PROTECTIVE CLOTHING. AVOID CONTACT WITH SKIN AND EYES.

SUSMP CLASSIFICATION: NONE ALLOCATED.

ADG CLASSIFICATION: NONE ALLOCATED. NOT A DANGEROUS GOOD UNDER THE ADG CODE.

UN NUMBER: NONE ALLOCATED

GHS SIGNAL WORD: NONE. NOT HAZARDOUS

HAZARD STATEMENT:

AUH066: REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

PREVENTION

P102: KEEP OUT OF REACH OF CHILDREN.

RESPONSE

P353: RINSE SKIN OR SHOWER WITH WATER.

P301+P330+P331: IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.

P332+P313: IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE.

P337+P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE.

P370+P378: NOT COMBUSTIBLE. USE EXTINGUISHING MEDIA SUITED TO BURNING MATERIALS.

STORAGE

P402+P404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER.

P403+P235: STORE IN A WELL-VENTILATED PLACE. KEEP COOL.

DISPOSAL

P501: DISPOSE OF SMALL QUANTITIES AND EMPTY CONTAINERS BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE. FOR LARGER QUANTITIES, IF RECYCLING OR RECLAIMING IS NOT POSSIBLE, USE A COMMERCIAL WASTE DISPOSAL SERVICE.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Sodium Carbonate	> 20	497-19-8
Phosphate Salt	< 5	Non Hazardous
Anionic Surfactant	< 10	Non Hazardous
Non-ionic Surfactant	< 5	Non Hazardous
Colour	Trace	Non Hazardous
Fragrance	< 1	Non Hazardous

4. FIRST AID MEASURES

Swallowed:	Drink 1 or 2 glasses of water. Do Not induce vomiting. NEVER give anything by mouth to an unconscious person. If symptoms persist seek medical advice.
Eye Exposure:	Immediately flush eyes with plenty of water holding eyelids open. If eye irritation persists, seek medical advice.
Skin Exposure:	Wash off with water. If skin irritation persists seek medical advice.
Inhalation:	Remove victim from exposure to fresh air. If feeling unwell seek medical advice.
Advice to Doctor	Treat symptomatically based on individual reactions of patient and judgement of doctor.

5. FIRE FIGHTING MEASURES

Hazchem Code: None Allocated

Product is water based and is unlikely to play a contributing role in any fire.

Special protective precautions and equipment for fire fighters

Fire fighters should use the appropriate equipment for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

MATERIAL CAN CREATE SLIPPERY CONDITIONS.

ENVIRONMENTAL PRECAUTIONS:

CAUTION:

KEEP SPILLS AND CLEANING RUNOFF OUT OF DRAINS AND OPEN BODIES OF WATER.

METHODS & MATERIALS FOR CONTAINMENT & CLEAN UP:

CONTAIN SPILLS IMMEDIATELY WITH INERT ABSORBENT MATERIALS (E.G. SAND, EARTH).

TRANSFER LIQUIDS AND USED ABSORBENT MATERIAL TO SEPARATE SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL.

7. HANDLING & STORAGE

Handling:

Avoid contact with eyes.

Conditions for safe storage

Store in a cool, dry, well-ventilated area.

Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT(S):	NOT ESTABLISHED FOR THIS PRODUCT
EXPOSURE CONTROLS:	
EYE PROTECTION:	AVOID CONTACT WITH EYES.
HAND PROTECTION:	
ENGINEERING MEASURES:	NO SPECIAL PRECAUTIONS.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Granular solid
Colour:	White with Blue specs
Odour:	Strong floral odour
pH:	11.5 for 1% solution
Boiling point/range:	Not established
Melting point/range:	Not established
Flash point:	Non combustible
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Vapour pressure:	Not established
Relative vapour density:	Not established
Water solubility:	Soluble
Relative density:	Not determined
Viscosity, dynamic:	Not applicable
Evaporation rate:	Not established
Percent volatility:	Not determined

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY & REACTIVITY

HAZARDOUS REACTIONS:

PRODUCT IS STABLE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TEMPERATURE.

MATERIALS TO AVOID:

NO SPECIAL PRECAUTIONS.

POLYMERIZATION:

PRODUCT WILL NOT UNDERGO POLYMERIZATION.

11. TOXICOLOGICAL INFORMATION

No data is available for this material

Health Effects – Acute

Swallowed

May be irritating to digestive system.

Eye

May cause eye irritation.

Skin

May be irritating to skin with prolonged contact.

Inhaled

Not a likely health issue. Remove victim from exposure to fresh air. If feeling unwell seek medical advice.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data available

Persistence and degradability:

No information available for this product.

Mobility:

No information available on this product.

Additional information

Environmental fate (exposure):

Avoid contaminating waterways, drains and sewers.

Bioaccumulative potential:

No information available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions:

CAUTION:

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal:

Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Classification for ROAD and RAIL transport;

Not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

Hazchem Code:

None allocated.

15. REGULATORY INFORMATION

Label

Classification and labelling have been performed according to regulations.

Poison Schedule

None allocated

EPG

Not applicable

Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR).

All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

16. OTHER INFORMATION

Date of Preparation: 01/01/2018

Key to Abbreviations & Acronyms Used in SDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC50	LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NOHSC	National Occupational Health and Safety Commission.
OECD	Organisation for Economic Co-operation and Development.
PEL	Permissible Exposure Limit.
STEL	Short Term Exposure
Limit TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees
Celsius g	Gram
g/cm ³	Grams per cubic
centimetre g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m ³	Kilograms per cubic
metre ltr	Litre
m ³	Cubic
metre mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m ³	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	Weight

Literature References: Supplies SDS

THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION.

THE INFORMATION GIVEN IS DESIGNED ONLY AS GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION.

THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.

END OF SDS