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 came 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 Lemon and lavender fragrances are outdated.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  
Quenbeyen NSW 2620

REF NO: 1500784

ATTN: Erkan Ergun  

SAMPLE DESCRIPTION:  
1 x Laundry Powder

ORDER NO: not given

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:  
Staphylococcus aureus  ATCC 6538  
Escherichia coli  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

<table>
<thead>
<tr>
<th>Contact Time</th>
<th>Inoculum Count</th>
<th>Laundry Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CFU/mL (log10)</td>
<td>CFU/mL (log10)</td>
</tr>
<tr>
<td>20 minutes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>4.0 x 10^7 (Log 7.60)</td>
<td>&lt; 10 (Log 1.0)</td>
</tr>
<tr>
<td>Escherichia coli</td>
<td>3.5 x 10^7 (Log 7.54)</td>
<td>&lt; 10 (Log 1.0)</td>
</tr>
</tbody>
</table>

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: [Signature]

Imtiaz Ahmed  
Sterile Product Testing Manager
1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Enviro Matic Laundry Powder

Uses: Laundry detergent for front loading machines.

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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Percentage</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Carbonate</td>
<td>&gt; 20</td>
<td>497-19-8</td>
</tr>
<tr>
<td>Phosphate Salt</td>
<td>&lt;5</td>
<td>Non Hazardous</td>
</tr>
<tr>
<td>Anionic Surfactant</td>
<td>&lt;10</td>
<td>Non Hazardous</td>
</tr>
<tr>
<td>Non-ionic Surfactant</td>
<td>&lt;5</td>
<td>Non Hazardous</td>
</tr>
<tr>
<td>Colour</td>
<td>Trace</td>
<td>Non Hazardous</td>
</tr>
<tr>
<td>Fragrance</td>
<td>&lt;1</td>
<td>Non Hazardous</td>
</tr>
</tbody>
</table>

Non-Hazardous: Indicates that the substance has no known health effects.
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 of 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**

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

**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.
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/cm³ Grams per cubic centimetre
g/l Grams per litre
Immiscible Liquids are insoluble in each other
kg Kilogram
kg/m³ Kilograms per cubic metre
mg Milligram
mg/24H Milligrams per 24 hours
mg/kg Milligrams per kilogram
mg/m³ 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.

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END OF SDS