

ENVIRO CHEMICALS AUSTRALIA PTY LTD

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“Products That Don’t Cost The Earth”

DISHMAGIC

AUTOMATIC DISHWASHING POWDER

DISHMAGIC is a revolutionary designed, concentrated and bio-degradable dishwashing powder to leave your cutlery and glassware sparkling clean.

DISHMAGIC's formula has a built in descaler to prevent your machine from building up scale and calcium.

This unique powder also prevents glass from hazing which is common with most products on the market.

DISHMAGIC can be used with all types of commercial and household dishwashing machines and it is safe to use in conjunction with a septic system.

Directions for use:

Follow your machine manufacturer's handbook for correct operating procedures and correct dosage levels.

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

Use Enviro Kitchen 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.*



ENVIRO
CHEMICALS

“ Products that don't cost the Earth ”



METERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: DISHMAGIC Powder

Uses: Machine dishwash powder
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: XI, IRRITATING. HAZARDOUS ACCORDING TO THE CRITERIA OF SWA. NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

RISK PHRASES: R41, R66, R36/38. RISK OF SERIOUS DAMAGE TO EYES. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING. IRRITATING TO EYES AND SKIN.

SAFETY PHRASES: S23, S26, S28, S36, S38, S24/25, S37/39. DO NOT BREATHE VAPOURS OR MISTS. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND CONTACT A DOCTOR OR POISONS INFORMATION CENTRE. AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER. WEAR SUITABLE PROTECTIVE CLOTHING. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. AVOID CONTACT WITH SKIN AND EYES. WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

SUSMP CLASSIFICATION: S5 ADG CLASSIFICATION: NONE ALLOCATED. NOT A DANGEROUS GOOD UNDER THE ADG CODE.

UN NUMBER: NONE ALLOCATED

GHS SIGNAL WORD: WARNING



HAZARD STATEMENT :

AUH066: REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

H315: CAUSES SKIN IRRITATION.

H319: CAUSES SERIOUS EYE IRRITATION.

H335: MAY CAUSE RESPIRATORY IRRITATION.

PREVENTION

P102: KEEP OUT OF REACH OF CHILDREN.

P261: AVOID BREATHING FUMES, MISTS, VAPOURS OR SPRAY.

P264: WASH CONTACTED AREAS THOROUGHLY AFTER HANDLING.

P271: USE ONLY OUTDOORS OR IN A WELL VENTILATED AREA.

P280: WEAR PROTECTIVE GLOVES, PROTECTIVE CLOTHING AND EYE OR FACE PROTECTION.

RESPONSE

P312: CALL A POISON CENTRE OR DOCTOR IF YOU FEEL UNWELL.

P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

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

P302+P352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P304+P340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.

P305+P351+P338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

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

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

P391: COLLECT SPILLAGE.

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

STORAGE P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

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 Entity: | CAS No.: | Proportion: |
|-----------------------|-----------|-------------|
| sodium metasilicate | 6834-92-0 | 10 - < 30% |
| surfactants | non-haz | < 10 % |
| alkaline sodium salts | | > 60 % |
| chlorine compound | 2893-78-9 | < 10 % |
| sodium nitrite | 7632-00-0 | < 1 % |

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 powder |
| Colour: | White |
| Odour: | Faint chlorine odour |
| pH: | 12-13 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: 04.04.2016

Key to Abbreviations & Acronyms Used in MSDS:

| | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| < | 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 | Milligra |
| m | |
| 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 MSDS |

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 MSDS