ENVIRO CHEMICALS AUSTRALIA PTY LTD
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"Products That Don't Cost The Earth"

Enviro Beerline Cleaner

Two Part Formula

Enviro Beerline Cleaners is a new generation German formula for keeping beerlines clean from buildup of yeast and free of beerstone.

Enviro Beerline Cleaners is a proven 2 part German designed formula and is currently been used in Pubs, Hotels & Clubs throughout Europe.

Use Enviro Beerline Cleaner to ensure the ULTIMATE Beer Experience.

Enviro Beerline Cleaners is an Australian made Number 1 German formula, **Enviro Beerline cleaner** Part1 & Part2 now available in Australia.

Use **Enviro Beerline Cleaner** to ensure the ULTIMATE Beer Experience.

To be used inconjuntion with Enviro Beerline Cleaner Part 1& Part 2.

Directions for use:

Enviro Beerline Cleaner Should be used by following the instructions of Beerline & Equipment Cleaning.

In 5lt's of water add in 60ml's of **part 1** and 60ml's of **Part 2**.
Leave solution in beerline for 2 hours and flush.
Check that the rinse water has no alkalinity with test paper. Make sure the colour stays **Pink** and it doesn't change colour.

You don't have to settle for second best to save money when cleaning beerlines.
Step-up to the new level in Bar & Kitchen products.

Use Enviro 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 "

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Enviro Beer Line Cleaner Part 2

Uses: Beer Line Cleaner

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: XN, HARMFUL. N, DANGEROUS TO THE ENVIRONMENT. C, CORROSIVE. HAZARDOUS ACCORDING TO
THE CRITERIA OF SWA.

DANGEROUS ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

RISK PHRASES: R22, R35, R52. HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS. HARMFUL TO AQUATIC ORGANISMS.

SAFETY PHRASES: S20, S23, S26, S28, S46, S61, S24/25, S36/37/39. WHEN USING, DO NOT EAT OR DRINK. DO NOT BREATHE MISTS OR SPRAY. 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. IF SWALLOWED, CONTACT A
DOCTOR OR POISONS INFORMATION CENTRE IMMEDIATELY AND SHOW THIS MSDS OR LABEL. AVOID RELEASE TO THE ENVIRONMENT.
REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS. AVOID CONTACT WITH SKIN AND EYES. WEAR SUITABLE PROTECTIVE CLOTHING,
GLOVES AND EYE/FACE PROTECTION.

SUSMP CLASSIFICATION: S6

ADG CLASSIFICATION: CLASS 8: CORROSIVE SUBSTANCES.

UN NUMBER: 1719, CAUSTIC ALKALI LIQUID, N.O.S.

- ACUTE TOXICITY (ORAL) 4 H302 HARMFUL IF SWALLOWED.
- **SIGNAL WORD** DANGER
- **HAZARD STATEMENTS**
- H302 HARMFUL IF SWALLOWED.
- H318 CAUSES SERIOUS EYE DAMAGE.
- **PRECAUTIONARY STATEMENTS**
- P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
- P264 WASH HANDS THOROUGHLY AFTER HANDLING.
- P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
- P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LE NSES, IF
- PRESENT AND EASY TO DO. CONTINUE RINSING.
- P310 IMMEDIATELY CALL A POISON CENTER/DOCTOR.
- P301+P312 IF SWALLOWED: CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.
- P330 RINSE MOUTH.
- P501 DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL REGUL ATIONS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Potassium Hydroxide	< 10	7722-84-1

Oxidising Liquids 1, H271; Skin Corrosion/Irritation 1A, H314; Acute Toxicity (Oral) 4, H302; Acute Toxicity (Inhalation) 4, H332

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: 2R

Extinguishing Media

In case of fire, use appropriate media for surrounding fire.

Product is water based and is unlikely to play a contributing role in any fire. Heated product may splatter.

Special protective precautions and equipment for fire fighters

Fire fighters should wear self contained breathing apparatus and full protective clothing along with protective equipment.

Hazards from Combustion Products

No data available.

Flammability Conditions

Product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

USE PERSONAL PROTECTIVE EQUIPMENT INCLUDING IMPERVIOUS GLOVES AND EYE PROTECTION. SPILT MATERIAL CREATES 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 and skin. Ensure eyewash and safety shower are available and ready for use.

Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use. Do not store next to strong oxidizing agents or strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	
7722-84-1 Hydrogen peroxide solution	
WES	TWA: 1.4 mg/m³, 1 ppm

Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

Respiratory Protection:

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Colourless
Odour:	Odourless
pH:	Slightly acidic
Boiling point/range:	Above 110 deg C
Melting point/range:	Not determined
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:	Miscible with water at all proportions
Relative density:	1.0 g/cm3
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

- **POSSIBILITY OF HAZARDOUS REACTIONS:**
- RELEASES OXYGEN ON CONTACT WITH ALKALIS, METALS, COMBUSTIBLE MATERIALS AND ALMOST ANY OTHER CONTA MINANT.
- **CHEMICAL STABILITY:** STABLE AT AMBIENT TEMPERATURE AND UNDER NORMAL CONDITIONS OF USE.
- **CONDITIONS TO AVOID:** HEAT, SPARKS, OPEN FLAMES, HOT SURFACES AND DIRECT SUNLIGHT.
- **INCOMPATIBLE MATERIALS:**
- REDUCING AGENTS, ALKALIS, METALS, COMBUSTIBLE MATERIALS (SUCH AS FABRIC, WOOD, PAPER AND SAWDUST), AN D
- ALMOST ANY OTHER CONTAMINANT.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** WATER VAPOUR.

11. TOXICOLOGICAL INFORMATION

Toxicity Data:

LD_{50}/LC_{50} Values Relevant for Classification:		
7722-84-1 Hydrogen peroxide solution		
Oral	LD_{50}	1518 mg/kg (rat)

Health Effects – Acute

Inhalation is unlikely. Inhalation of aerosols may cause irritation to the upper respiratory system and possibly pulmonary oedema.

Skin: May cause skin irritation and bleaching.

Eye: Causes serious eye damage. May cause corneal burns.

Ingestion:

Harmful if swallowed. May cause irritation or burns to the mouth, throat and stomach, nausea and vomiting. Large quantities may cause pulmonary oedema and can be fatal.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Hydrogen Peroxide are classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:

Repeated or prolonged skin exposure may cause skin bleaching and burns. Prolonged or repeated exposure may cause liver damage.

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information: No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Aquatic toxicity: May be harmful to aquatic life.

Persistence and degradability: Hydrogen peroxide is readily degradable.

Mobility: This product is readily transported by water.

Additional information

Environmental fate (exposure): Avoid contaminating waterways, drains and sewers.

Bioaccumulative potential: Bioaccumulation is not expected to occur.

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

Australian Code For Transport of Dangerous Goods by ROAD and RAIL

U.N. Number: Not Regulated

U.N. Proper Shipping Name: Not Regulated

Subsidiary Risk: N/A

Packaging Group: Not Ragulated

Hazchem Code: Not Regulated

15. REGULATORY INFORMATION

Australian Inventory of Chemical Substances:	
7722-84-1	Hydrogen peroxide solution
7732-18-5	Water

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Poison Schedule: 6

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/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 ltr	Litre
m3	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

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