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 in conjunction 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.
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 LENSES, 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 REGULATIONS.

Enviro Chemicals
Beerline Part2 SDS
01/01/2018
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Percentage</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide</td>
<td>&lt; 10</td>
<td>7722-84-1</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Engineering Controls:</th>
<th>Maintain air concentration below occupational exposure standards, providing adequate ventilation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Protection:</td>
<td>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.</td>
</tr>
<tr>
<td>Skin Protection:</td>
<td>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.</td>
</tr>
<tr>
<td>Eye and Face Protection:</td>
<td>Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.</td>
</tr>
</tbody>
</table>

9. PHYSICAL & CHEMICAL PROPERTIES

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

POSSIBILITY OF HAZARDOUS REACTIONS:

- RELEASES OXYGEN ON CONTACT WITH ALKALIS, METALS, COMBUSTIBLE MATERIALS AND ALMOST ANY OTHER CONTAMINANT.
- 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), AND
  - ALMOST ANY OTHER CONTAMINANT.
- HAZARDOUS DECOMPOSITION PRODUCTS: WATER VAPOUR.

11. TOXICOLOGICAL INFORMATION

Toxicity Data:

<table>
<thead>
<tr>
<th>LD₅₀/LC₅₀ Values Relevant for Classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>7722-84-1 Hydrogen peroxide solution</td>
</tr>
<tr>
<td>Oral</td>
</tr>
</tbody>
</table>

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 Regulated

Hazchem Code: Not Regulated

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Australian Inventory of Chemical Substances:</th>
</tr>
</thead>
<tbody>
<tr>
<td>7722-84-1 Hydrogen peroxide solution</td>
</tr>
<tr>
<td>7732-18-5        Water</td>
</tr>
</tbody>
</table>

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.
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
litre 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
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.

DISCLAIMER

THIS SDS IS PREPARED IN ACCORD WITH THE SAFE WORK AUSTRALIA DOCUMENT “CODE OF PRACTICE FOR THE PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS - DECEMBER 2011.”

THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET IS PROVIDED IN GOOD FAITH AND IS BELIEVED TO BE ACCURATE AT THE DATE OF ISSUANCE. ENVIRO CHEMICALS MAKES NO REPRESENTATION OF THE ACCURACY OR COMPREHENSIVENESS OF THE INFORMATION AND TO THE FULL EXTENT ALLOWED BY LAW EXCLUDES ALL LIABILITY FOR ANY LOSS OR DAMAGE RELATED TO THE SUPPLY OR USE OF THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET. MSDS.COM.AU PTY LTD IS NOT IN A POSITION TO WARRANT THE ACCURACY OF THE DATA HEREIN. THE USER IS CAUTIIONED TO MAKE THEIR OWN DETERMINATIONS AS TO THE SUITABILITY OF THE INFORMATION PROVIDED TO THE PARTICULAR CIRCUMSTANCES IN WHICH THE PRODUCT IS USED.

END OF SDS