



MATERIAL SAFETY DATA SHEET

BEER MASTER BEER LINE CLEANER

SECTION 1: IDENTIFICATION

PRODUCT NAME: BEER MASTER BEER LINE CLEANER

Other Names: BEER LINE CLEANER AND SANITISER

Product Codes:

2X5L and 1x2.5L plastic drum: 637013200

Recommended Use: Cleaning beer lines in bars, hotels and clubs, etc.

SUPPLIER:

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SECTION 2: HAZARDS IDENTIFICATION

HAZARDOUS

According to criteria of:

National Occupational Health & Safety Commission NOHSC

HAZARDS CLASSIFICATION: CORROSIVE

DANGEROUS GOODS

DANGEROUS GOODS CLASSIFICATION: Corrosive

According to criteria of:

Australian Dangerous Code for Transport by Road & Rail

CLASSIFIED AS A POISON: S6

According to criteria of:

Standard for the Uniform Scheduling of Drugs and Poisons

RISK PHRASES

R22- HARMFUL IF SWALLOWED

R35- CAUSES SEVERE BURNS

R41- RISK OF SERIOUS EYE DAMAGE

SAFETY PHRASES

S1/2- KEEP LOCKED UP AND OUT OF REACH OF CHILDREN

S17- KEEP AWAY FROM COMBUSTIBLE MATERIAL

S26- IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE

S28- AFTER CONTACT WITH SKIN WASH, WASH IMMEDIATELY WITH PLENTY OF WATER

S36/37/39- WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION

S45- IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW LABEL WHERE POSSIBLE)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS No	Proportion (%)
Part A		
Sodium hydroxide	[1310-73-2]	17%
Potassium hydroxide	[1310-58-3]	10%
Other non-hazardous Ingredients		To 100%
Part B		
Hydrogen peroxide	[7722-84-1]	10-30%
Other non-hazardous ingredients		To 100%

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF NECESSARY MEASURES ACCORDING TO ROUTES OF EXPOSURE

Swallowed

Contact a doctor or Poisons Information Centre. Phone Australia 131 126; New Zealand 03 474 7000. Do NOT induce vomiting.

Eye

Immediately flush eyes with plenty of water, holding eyelids open. Seek medical attention if discomfort persists.

Skin

Remove contaminated clothing. Flush affected area with plenty of water. If irritation or discomfort persists, seek medical attention. Wash clothing before reuse.

Inhaled

Remove victim to fresh air.

ADVICE TO DOCTOR

Treat symptomatically based on the individual reactions of patients and judgement of a Doctor.

NOTE: For advice in an emergency, contact the Poisons Information Centre in Australia 13-11-26 or New Zealand 0800-764-766

ADDITIONAL INFORMATION

AGGRAVATED MEDICAL CONDITIONS CAUSED BY EXPOSURE

No information is available on medical conditions, which are aggravated from exposure to this product.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

In case of fire, appropriate extinguishing media include Dry Chemical, Foam, Carbon Dioxide and Water Fog. Use Water to keep fire-exposed containers cool and to protect personnel.

HAZARDS FROM COMBUSTION PRODUCTS

The product is Not Combustible under normal conditions. When involved in a fire, this product may generate Carbon Dioxide and Carbon Monoxide. Stable under ordinary conditions of use and storage. Incompatible with Oxidizing Agents and Acids

SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS

No specific data is available.

FLAMMABILITY CONDITIONS

Product is not considered Combustible.

HAZCHEM Code: No Hazchem Code has been allocated for this product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

Persons involved in a major spill clean up should wear appropriate personal protective equipment. Isolate hazard area and stop leaks if safe to do so. Avoid walking through spilled product, as it may be slippery. Keep unnecessary and unprotected personnel from entering the area. DO NOT allow product to enter drains or waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust or cellulose. Do not flush to sewer.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Ensure an eye bath and safety shower is available and ready for use. Observe good personal hygiene practices and recommended procedures. Avoid prolonged contact with skin. Avoid contact with eyes.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBLES

Protect against physical damage. Store in a cool, dry well-ventilated area. Separate from oxidizing materials and acids.

CONTAINER TYPE

Store in original containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS

Caustic Soda: TWA 2mg/m³ peak limit (Worksafe Australia)

Caustic Potash: TWA 2mg/m³ peak limit (Worksafe Australia)

Hydrogen Peroxide: TWA 1.5mg/m³ peak limit (Worksafe Australia)

BIOLOGICAL LIMIT VALUES

No Data Available

ENGINEERING CONTROLS

Natural ventilations should be adequate under normal conditions of use.

PERSONAL PROTECTION

Respiratory protection

Not considered necessary under normal conditions of use.

Skin protection

Wear suitable gloves. When cleaning up significant spills wear protective clothing including boots, gloves, lab coat, or coveralls, as appropriate, to prevent excessive skin contact.

Eye protection

Wear suitable safety glasses or splash shield. When cleaning up significant spills wear chemical safety goggles and/or full face shield where splashing is possible. Maintain eyewash and quick-drench facilities in work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid
Odour	No odour
Solubility in water	Water based mixture
Specific Gravity	1.20-1.40
pH (as is)	Part A - 12.0-14.0, Part B - 4.0-6.0
Flash Point (°C)	None before boiling

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY

Product is stable under normal conditions of handling, storage and use.

CONDITIONS TO AVOID

No information is available for this product.

INCOMPATIBLE MATERIALS

No information is available for this product.

HAZARDOUS DECOMPOSITION PRODUCTS

No information is available for this product.

HAZARDOUS REACTIONS

No information is available for this product.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA

Sodium Hydroxide:

Lethal Dose oral (man): 5 g

Eye (rabbit): 500mg 24h; severe irritation

Skin (rabbit): 1mg/30secs; severe irritation

Potassium Hydroxide:

LD₅₀ oral (rat): 273mg/Kg

Skin (rabbit): 24h; serious irritation

Eye (rabbit): 24h; serious irritation

Hydrogen Peroxide:

LD₅₀ oral (rat): 805mg/Kg

LD₅₀ skin (rabbit): >6500mg/Kg

Inhale LC₅₀ Rat: >0.17mg/L

HEALTH EFFECTS – ACUTE

Part A

Swallowed

Harmful if swallowed. May result in severe pain, burning of the mouth, throat and oesophagus, vomiting, diarrhoea, collapse and possible death.

Eye

Corrosive. May penetrate to cause effects from irritation to severe burns. In severe cases ulceration and permanent blindness may occur.

Skin

Corrosive. May penetrate to cause effects from irritation to severe burns with deep ulceration. Can penetrate to deeper layers of skin. Corrosion will continue until removed. Onset of pain may be delayed from minutes to hours after exposure.

Inhaled

Unlikely route of injury due to low volatility of product components. May irritate nose, throat and lungs. Severe injury likely to be limited due to self limiting sneezing, coughing and discomfort.

Part B

Swallowed

May cause burns to the mouth, throat and intestines. May cause vomiting. Possible distension of the gastrointestinal system with discomfort or pain.

Eye

Strong irritant. Risk of corneal burns.

Skin

Irritant. May cause burns on long contact. Will bleach the skin.

Inhaled

Unlikely route of injury due to low volatility of product components. May irritate nose, throat and lungs.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

No Data is available for this product.

PERSISTANCE AND DEGRADABILITY

No information is available on the persistence and degradability of this product.

MOBILITY

DO NOT allow product to enter Waterways, Drains and Sewers.

ENVIRONMENTAL FATE (Exposure)

No information is available for this product.

BIOACCUMULATION POTENTIAL

No information is available on the Bioaccumulation Potential of this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS

Dispose of in accordance with all local, state and federal regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options.

SPECIAL PRECAUTIONS FOR LANDFILL AND INCINERATION

No Data Available

14. TRANSPORT INFORMATION

UN No: 1719
Shipping Name: CAUSTIC ALKALI LIQUID
DANGEROUS GOODS CLASS: Corrosive
Subsidiary Risk: None
Packaging Group: II
HAZCHEM Code: 2R
PRECAUTIONS For User: Not Regulated

15. REGULATORY INFORMATION

Poisons Schedule: S6
EPG: Not Regulated
AICS Name: Not Regulated
NZ Toxic Substance: No Data

16. OTHER INFORMATION

LEGEND TO ABBREVIATIONS AND ACRONYMS

<	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 the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
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
NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN No	United Nations (number)
Immiscible	Liquids are insoluble in each other
Miscible	Liquids form one homogeneous liquid phase regardless of the amount of either component present
mm	Millimetre
ppb	Parts per billion
ppm	Parts per million

LITERATURE REFERENCES and SOURCES of DATA

List of Designated Hazardous Substances [NOHSC (National Occupational Health & Safety Commission)]

Approved Criteria for Classifying Hazardous Substances [NOHSC (National Occupational Health & Safety Commission)]

National Code of Practice for the Control of Workplace Hazardous Substances [HOHSC: 2007 (1994)]

National Standards for the Storage and Handling of Workplace Dangerous Goods [HOHSC: 1015 (2001)]

Exposure Standards Database [NOHSC (National Occupational Health & Safety Commission)]

AUSTRALIAN / NZ STANDARDS

AS1940: The Storage and Handling of Flammable & Combustible Liquids

AS3780: The Storage & Handling of Corrosive Substances

AS4326: The Storage & Handling of Oxidising Substances

AS/NZS 3780: The Storage & handling of Class 9 (Miscellaneous) Dangerous
Goods

AS/NZS 3833: The Storage & Handling of Mixed Classes of Dangerous Goods
in Packages & Intermediate Bulk Containers

END OF MSDS

Last Updated : February 2012

Revised By: Northfork Chemicals Australia Pty Ltd



This MSDS summarises Northfork Chemicals (Australia) Pty Ltd best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Northfork Chemicals (Australia) Pty Ltd expressly disclaims that the MSDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the MSDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.

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