Safety Data Sheet

Section 1: IDENTIFICATION

B.L.C. 2

Recommended Use: Beer Line Cleaner
Product Code: See Manufacturers Code

Company:	MICHALIS GROUP PTY LTD TRADING AS ALL-PRO CHEMICAL AND CLEANING SUPPLIES
Address:	3/7 AYRSHIRE CRESCENT, SANDGATE N.S.W 2304
Telephone Number:	(02) 4968 2000
Emergency Telephone Number:	Poisons Information Centre: Westmead NSW Australia 131126

Manufacturers Product Code:	B.L.C. 2	(500mL)
	B.L.C. 2	(5L)

Section 2: HAZARDS

Classified as hazardous according to the criteria of the NOHSC.

R36/38: Irritating to eyes and skin.

Section 3: COMPOSITION INFORMATION

Ingredient	**CAS No**	**Proportion**
Ingredients deemed not to be hazardous	Not Applicable	To 100%
Hydrogen peroxide	7722-84-1	4.5%

Section 4: FIRST AID

Eye (contact) If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

Skin (contact) If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Inhalation (Breathing) Remove victim to fresh air. Apply artificial respiration if breathing stops.

Ingestion (Swallowing) DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone: 13 11 26) or a doctor.

Advice to Doctor Treat symptomatically.

First Aid Facilities Ensure an eye bath and safety shower are available and ready for use.

Additional Information No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media Use extinguishing media such as dry chemical or CO_2.

Hazards from Combustion Products In the vent of fire, product may decompose yielding oxygen. Release of oxygen may support combustion.

Precautions for Fire Fighters and Special Protective Equipment Firefighters should wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.

Additional Information **Hazchem Code** Not Applicable

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure For large spills (greater than 1L) refer to SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide- Guide 31.

Spills / Clean up For spills less than 1L – Clean up personnel should wear personal protective equipment. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling Always pre-test a small inconspicuous area for possible discoloration before use.
Contact ALL-PRO sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.
Any non-authorised use of this product may result in damage or personal injury.
Store product in original container.
Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Containments in the Occupational Environment [NOHSC: 1003].

Ingredient	CAS No	ES-TWA	ES-STEL
Hydrogen peroxide	7722-84-1	1ppm 1.4mg/m^3	Not available

Biological Limit Values Not Available

Engineering Controls Ensure adequate ventilation to keep airborne concentrations below exposure standards. If air containment levels exceed exposure limits, respiratory protection is required, see Personal Protective Equipment.

Personal Protective Equipment Eye/ Face protection- Safety glasses or chemical resistant goggles should be worn to prevent eye contact.
Skin protection- Use nitrile rubber gloves, chemical resistant boots and overalls to prevent skin contact.
Respiratory protection- If necessary, use a suitable respirator.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point/Melting Point: APPROXIMATELY 100°C

Odour: CHARACTERISTIC

Ignition Temperature: NOT APPLICABLE

pH: 2.5

Freezing point: APPROXIMATELY 0°C

Vapour Density: NOT AVAILABLE

Specific Gravity: 1.06

Flashpoint (°C): NOT RELEVANT

Vapour Pressure: (pascals pr mm of Hg at 25°C): NOT AVAILABLE

Appearance: CLEAR LIQUID

Upper and Lower Flammability limits (in air): NOT APPLICABLE

Solubility (g/l): NOT AVAILABLE
(DILUTABLE)

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Decomposes yielding oxygen when heated or in air over time.
Conditions to avoid	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible materials	Incompatible with metals, metallic salts, alkalis. Hydrochloric acid, reducing agents, flammable substances and organic solvents.
Hazardous decomposition products	Product may decompose yielding oxygen. Release of oxygen may support combustion.
Hazardous reactions	Fire and explosion potential when reacted with incompatible substances.

Section 11: TOXICOLOGICAL INFORMATION

Health Effects

Acute

Swallowed	Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract.
Eye	May cause severe damage.
Inhaled	May be irritating to the respiratory tract.
Skin	May cause burns and whitening of the skin.

Chronic

Swallowed	No effects known.
Eye	No effects known.
Inhaled	No effects known.
Skin	No effects known. .

TOXICITY DATA

Hydrogen peroxide (8-20%) LD_{50} 1518mg/kg (oral, rat)

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not known.
Persistence and degradability	Not known.
Mobility	Not known.

Section 13: DISPOSAL CONSIDERATIONS

Disposable method	Refer to State/ Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorized landfill.
Special precautions	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Class and subsidiary risk:	Not Applicable.
Packing Group:	Not Applicable
Special Precautions for user:	Not Applicable
Hazchem code:	Not Applicable

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not Applicable.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

Prepared By: Ian Barkley
Position: Managing Director

Date of preparation: 1st July 2014

Legend to Abbreviations and Acronyms

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstracts Service (Registry Number)

CO2 Carbon Dioxide

deg C ('C) degrees Celsius

ES-STEL Exposure Standard - Short Term Exposure Limit

ES-TWA Exposure Standard-Time Weighted Average

G gram

g/l grams per litre

Kg kilogram

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

Ltr (L) Litre

m3 cubic metre

mg milligram

mg/kg milligrams per kilogram

mg/m3 milligrams per cubic metre

mL Mililitres

Mm millimetre

NOHSC National Occupational Health and Safety Commission

Ppm parts per million

SUSDP Standard for the Uniform Scheduling of Drugs and Poisons

UN United Nations (number)