Section 1 - Identification of The Material and Supplier

Distributor
Axi-Kem Pty Ltd
54 Yambil Street
Griffith, NSW 2680

Phone: 02 6962 6455 (office hours)
Fax: 02 6962 6624
Email:info@axikem.com.au

Manufacturer
aiMix Chemicals Pty Ltd
52-54 Power St
St Marys, NSW 2760

Phone: 02 9623 3288 (office hours)
Fax: 02 9623 3655
Email: aimixchemicals@bigpond.com

Chemical nature: *Water solution of ingredients.*
Trade Name: **LEMON WASHROOM**
Product Use: *Washroom detergent/sanitiser.*
Creation Date: **June, 2010**
This version issued: **December, 2022** *and is valid for 5 years from this date.*

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: N, Dangerous to the environment. Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

Risk Phrases: *R52, R66. Harmful to aquatic organisms. Repeated exposure may cause skin dryness or cracking.*
Safety Phrases: *S24/25. Avoid contact with skin and eyes.*
SUSMP Classification: *None allocated.*
ADG Classification: *None allocated. Not a Dangerous Good under the ADG Code.*
UN Number: *None allocated*

GHS Signal word: NONE. Not hazardous.

HAZARD STATEMENT:

AUH066: Repeated exposure may cause skin dryness or cracking.
H402: Harmful to aquatic life.

PREVENTION

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P273: Avoid release to the environment.
P281: Use personal protective equipment as required.

RESPONSE

P337: If eye irritation persists: seek medical attention.
P353: Rinse skin or shower with water.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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: If no in-house recycle or reclaim resources are suitable for this product, contact a specialist waste disposal company (see Section 13 of this SDS).

Emergency Overview

Physical Description & Colour*: Pale blue liquid.*
Odour: *Mild lemon/citrus fragrance.*

Major Health Hazards: *repeated exposure may cause skin dryness or cracking.*

Potential Health Effects

Inhalation:

Short Term Exposure: *Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation.*
Long Term Exposure: *No data for health effects associated with long term inhalation.*

Skin Contact:

Short Term Exposure: *Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.*
Long Term Exposure: *Repeated exposure may cause skin dryness or cracking.*

Eye Contact:

Short Term Exposure: *This product is believed to be mildly irritating, to eyes, but is unlikely to cause anything more than mild transient discomfort.*
Long Term Exposure: *No data for health effects associated with long term eye exposure.*

Ingestion:

Short Term Exposure: *Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.*
Long Term Exposure: *No data for health effects associated with long term ingestion.*

Carcinogen Status:

SWA: *No significant ingredient is classified as carcinogenic by SWA.*
NTP: *No significant ingredient is classified as carcinogenic by NTP.*
IARC: *No significant ingredient is classified as carcinogenic by IARC.*

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m^3)	STEL (mg/m^3)
Non hazardous detergents	*various*	*3-6*	*not set*	*not set*
Quaternary ammonium compound	*secret*	*<5*	*not set*	*not set*
Other non hazardous ingredients	*various*	*<1*	*not set*	*not set*
Water	*7732-18-5*	*to 100*	*not set*	*not set*

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: *First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.*
Skin Contact: *Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.*
Eye Contact: *Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.*
Ingestion: *If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.*

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: *There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.*

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.
Fire decomposition products from this product are likely to be irritating if inhaled.
Extinguishing Media: *Not Combustible. Use extinguishing media suited to burning materials.*
Fire Fighting: *If a significant quantity of this product is involved in a fire, call the fire brigade.*

Flash point:	*Does not burn.*
Upper Flammability Limit:	*Does not burn.*
Lower Flammability Limit:	*Does not burn.*
Autoignition temperature:	*Not applicable - does not burn.*
Flammability Class:	*Does not burn.*

Section 6 - Accidental Release Measures

Accidental release: *This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.*

Section 7 - Handling and Storage

Handling: *Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.*
Storage: *Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.*

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, *Protective Gloves:* **AS 2161**, *Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection:* **AS1336** *and* **AS/NZS 1337**, *Occupational Protective Footwear:* **AS/NZS2210**.

SWA Exposure Limits	**TWA (mg/m^3)**	**STEL (mg/m^3)**

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.
Ventilation: *No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.*
Eye Protection: *Eye protection such as protective glasses or goggles is recommended when this product is being used.*
Skin Protection: *The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.*
Protective Material Types: *There is no specific recommendation for any particular protective material type.*
Respirator: *Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.*

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	*Pale blue liquid.*
Odour:	*Mild lemon/citrus fragrance.*
Boiling Point:	*Approximately 100°C at 100kPa.*
Freezing/Melting Point:	*Approximately 0°C.*
Volatiles:	*Water component.*
Vapour Pressure:	*2.37 kPa at 20°C (water vapour pressure).*
Vapour Density:	*No data.*
Specific Gravity:	*No data.*
Water Solubility:	*Completely soluble in water.*
pH:	*No data.*

Volatility: *No data.*
Odour Threshold: *No data.*
Evaporation Rate: *No data.*
Coeff Oil/water Distribution: *No data*
Autoignition temp: *Not applicable - does not burn.*

Section 10 - Stability and Reactivity

Reactivity: *No significant decomposition products.*
Conditions to Avoid: *None known.*
Incompatibilities: *strong oxidising agents. Anionic surfactants.*
Fire Decomposition: *Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.*
Polymerisation: *This product will not undergo polymerisation reactions.*

Section 11 - Toxicological Information

Local Effects:
Target Organs: *There is no data to hand indicating any particular target organs.*

Classification of Hazardous Ingredients

Ingredient *Risk Phrases*

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

This product is harmful to aquatic organisms. Insufficient data to be sure of status.

Section 13 - Disposal Considerations

Disposal: *This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by some means. If neither of these options is suitable in-house, contact a specialist waste disposal company.*

Section 14 - Transport Information

UN Number: *This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.*

Section 15 - Regulatory Information

AICS: *All of the significant ingredients in this formulation are compliant with NICNAS regulations.*
The following ingredient: Quaternary ammonium compound, is mentioned in the SUSMP.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	*Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)*
AICS	*Australian Inventory of Chemical Substances*
SWA	*Safe Work Australia, formerly ASCC and NOHSC*
CAS number	*Chemical Abstracts Service Registry Number*
Hazchem Code	*Emergency action code of numbers and letters that provide information to emergency services especially firefighters*
IARC	*International Agency for Research on Cancer*
NOS	*Not otherwise specified*
NTP	*National Toxicology Program (USA)*
R-Phrase	*Risk Phrase*
SUSMP	*Standard for the Uniform Scheduling of Medicines & Poisons*
UN Number	*United Nations Number*

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)
Copyright © Kilford & Kilford Pty Ltd, December, 2019.
http://www.kilford.com.au/ Phone (02)9251 4532