# SAFETY DATA SHEET



## 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:** **Sugar Soap Liquid**
**Product Code:** *SUL25*
**Product Use:** *Hard surface cleaning preparation.*
**Creation Date:** **November, 2010**
**This version issued:** **December, 2022** *and is valid for 5 years from this date.*
**Poisons Information Centre: Phone 13 1126 from anywhere in Australia**

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

*This product is classified as: Xi, Irritating. 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:** *R38, R41. Irritating to skin. Risk of serious damage to eyes.*
**Safety Phrases:** *S26, S28, S24/25, S36/39. 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. Avoid contact with skin and eyes. Wear suitable protective clothing and eye/face protection.*
**SUSMP Classification:** *None allocated.*
**ADG Classification:** *None allocated. Not a Dangerous Good under the ADG Code.*
**UN Number:** *None allocated*

## GHS Signal word: WARNING.

**HAZARD STATEMENT:**

*H315: Causes skin irritation.*
*H319: Causes serious eye irritation.*

**PREVENTION**

*P102: Keep out of reach of children.*
*P262: Do not get in eyes, on skin, or on clothing.*
*P264: Wash contacted areas thoroughly after handling.*
*P281: Use personal protective equipment as required.*

**RESPONSE**

*P362: Take off contaminated clothing and wash before reuse.*
*P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.*
*P302+P352: IF ON SKIN: Wash with plenty of soap and water.*

*P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
*P332+P313: If skin irritation occurs: Get medical advice.*
*P337+P313: If eye irritation persists: Get medical advice.*
*P370+P378: Not combustible. Use extinguishing media suited to burning materials.*

**STORAGE**

*P402+P404: Store in a dry place. Store in a closed container.*

**DISPOSAL**

*P501: If product can not be recycled, contact a specialist waste disposal company (see Section 13 of this SDS).*

## Emergency Overview

**Physical Description & Colour***: Dark green liquid.*
**Odour:** *No odour.*
**Major Health Hazards:** *may cause serious damage to eyes, skin irritant.*

## Potential Health Effects

### Inhalation:

**Short Term Exposure:** *Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.*
**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 is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.*
**Long Term Exposure:** *No data for health effects associated with long term skin exposure.*

### Eye Contact:

**Short Term Exposure:** *This product is a severe eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms such as swelling of eyelids and blurred vision may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment is likely to cause permanent damage.*
**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 is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.*
**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$^3$) |
|---|---|---|---|---|
| *Alkaline salts* | *various* | *130g/L* | *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:** *No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.*

**Skin Contact:** *Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.*

**Eye Contact:** *Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.*

**Ingestion:** *If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call 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 not expected to be hazardous or harmful.*

**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:** *In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective chemically resistant clothing including eye/face protection, gauntlets and self contained breathing apparatus. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8). Otherwise, not normally necessary.*
*Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Contaminated area may be neutralised by washing with weak or dilute acid. Vinegar, citrus juice and most soft drinks may be suitable. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.*

## 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:** *Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used.*

**Skin Protection:** *Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.*

**Protective Material Types:** *We suggest that protective clothing be made from the following: rubber, PVC.*

**Respirator:** *Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise, not normally necessary.*

*Eyebaths or eyewash stations and safety deluge showers should be provided near to where product is being used.*

## Section 9 - Physical and Chemical Properties:

| | |
|---|---|
| **Physical Description & colour**: | *Dark green liquid.* |
| **Odour:** | *No odour.* |
| **Boiling Point:** | *Approximately 100°C at 100kPa.* |
| **Freezing/Melting Point:** | *Below 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. Expected to be 12-13* |
| **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:** *This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.*

**Conditions to Avoid:** *None known.*

**Incompatibilities:** *acids, zinc, tin, aluminium and their alloys.*

**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, usually without carbon monoxide and smoke.*

**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

*Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities. However, until diluted or neutralised it will kill all aquatic organisms it contacts due to high pH.*

## 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 separate the contamination in some way. Only if neither of these options is suitable, consider landfill.*

## 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: Alkaline salts, 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* |
| **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)*
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