

Section 1 - Identification of the Material and Supplier

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Chemical Nature: Water soluble sachet of ingredients
Product Name: **SACHET MAGIC: SANITISER CLEANER**
Product Use: Surface sanitiser/Cleaner
Creation Date: **October, 2013**
This version issued: **October, 2013** and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: C. Corrosive. Hazardous according to the criteria of SWA.

A Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: R34. Causes burns.

Safety Phrases: S2, S24/25, S26, S28, S36/37/39, S45. Keep out of reach of children. Avoid contact with eyes and skin. 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. Wear suitable protective clothing, gloves and eye / face protection. In case of accident or if you feel unwell, seek medical advice immediately.

SUSMP Classification: S6

ADG Classification: Class 8.

UN Number: 1903



GHS Signal word: DANGER

HAZARD STATEMENT:

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

PREVENTION

P102: Keep out of reach of children.

P264: Wash contacted areas thoroughly after handling.

P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P310: Immediately call a POISON CENTRE or doctor/physician.

P362: Take off contaminated clothing and wash before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN: Remove immediately all contaminated clothing. Wash affected area with water.

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Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

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.

P391: Collect spillage.

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: Dispose of small quantities and empty containers by transferring to a suitable container and arrange for collection by specialised disposal company.

Emergency Overview

Physical Description & Colour: Yellow-orange liquid.

Odour: Odourless.

Major Health Hazards: Corrosive. Causes severe skin burns and eye damage. Contains Methyl/Benzisothiazolones blend. May produce an allergic reaction.

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 very corrosive to the skin. Capable of causing severe burns with deep ulceration, and can penetrate to deeper layers of skin resulting in third degree burns. Corrosion will continue until product is removed or neutralised. Severity depends on concentration and duration of exposure. Burns may not be immediately painful; the onset of pain may be minutes to hours.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is very corrosive to eyes. It will quickly cause severe pain, and corrosion of the eye and surrounding facial tissues. Unless exposure is immediately treated, permanent blindness and facial scarring will occur.

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. Available data shows that this product is harmful, but symptoms are not available. However, this product is very corrosive to the gastrointestinal tract. Capable of causing severe burns with deep ulceration, and can penetrate to deeper layers of skin resulting in third degree burns. Corrosion will continue until product is removed or neutralised. Severity depends on concentration and duration of exposure.

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.

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

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)
2-Methylpentane-2,4-Diol	107-41-5	50-70	121	123
Surfactant Blend	Various	10-30	not set	not set
Benzalkonium Chloride Solution 80%	63449-41-2	10-30	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 MSDS with you when you call.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 60 minutes, by the clock, while holding the eyelid(s) open. Neutral saline solution may be used as soon as it is available. DO NOT INTERRUPT FLUSHING. If necessary, keep emergency vehicle waiting (show paramedics this MSDS and take their advice). Take care not to rinse contaminated water into the unaffected eye or onto face. Call a Poisons Information Centre or a doctor urgently. Take special care if exposed person is wearing contact lenses.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Section 5 - Fire Fighting Measures

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure Hazards: Corrosive. In combustion emits toxic fumes.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Advice for Fire-Fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6 - Accidental Release Measures

Personal Precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up Procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Section 7 - Handling and Storage

Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

Storage Conditions: Store in cool, well-ventilated area. Keep container tightly closed. Keep away from direct sunlight. Avoid contact with water or humidity.

Suitable Packaging: Must only be kept in original packaging.

Storage Quantity Limits: No Limits

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)
2-Methylpentane-2,4-Diol	121	123

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: Ensure there is sufficient ventilation of the area.

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 materials: rubber, Viton, nitrile, butyl rubber, Barricade, neoprene, Teflon, polyethylene, PE/EVAL, Saranex, Responder.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being handled commercially.

Environmental: No special requirements.

Section 9 - Physical and Chemical Properties

Physical Description:	Liquid
Colour:	Yellow-orange
Odour:	Odourless
Boiling Point/range:	> 100°C
Specific Gravity:	0.95
Water Solubility:	Highly soluble in water
Also soluble in:	Most organic solvents

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

pH: Approx. 7.50 (2% Solution)

Viscosity: Non-viscous

Oxidising: Non-oxidising

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Heat. Direct sunlight. Moist air.

Materials to Avoid: Strong oxidising agents. Strong acids.

Hazardous Decomposition Products: In combustion emits toxic fumes.

Hazardous Reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Section 11 - Toxicological Information

Acute Effects: Corrosive. Causes severe skin burns and eye damage.

Skin Contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye Contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed/Immediate Effects: No data available.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
2-Methylpentane-2,4-Diol, Conc. \geq 10%	Xi, R36/38
Benzalkonium Chloride Solution, Conc. \geq 25%	C, R21/22, R34,
2-Methylpentane-2,4-Diol	

IPR	RAT	LDLO	1500 mg/Kg
ORL	MUS	LD50	3097 mg/Kg
ORL	RAT	LD50	3700 mg/Kg

Relevant effect of mixture

Effect	Route	Basis
Corrosivity	OPT INH DRM	Hazardous: Calculated

Section 12 - Ecological Information

Eco-toxicity Values: No data available.

Mobility: Soluble in water. Readily absorbed into soil.

Persistence and Degradability: Biodegradable.

Bio-accumulative potential: No bioaccumulation potential.

Other Adverse Effects: Negligible Eco toxicity.

Section 13 - Disposal Considerations

Disposal Operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

Disposal of Packaging: Dispose of as normal industrial waste. Please consider both federal and state regulations regarding disposal.

Section 14 - Transport Information

ADG Code: 1903

Dangerous Goods Class: 8, Corrosive liquid, N.O.S.

Hazchem Code: 2X

Shipping Name: Disinfectant, Liquid, Corrosive, N.O.S.

Packing Group: I

Hazard Identification Number: 88

Environmentally Hazardous: No

Marine Pollutant: No

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 - Other Information

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

Emergency Contact: Phone 13 11 26 (Australia wide)

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th 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 fire-fighters
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

Please read all labels carefully before using product.

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.

SAFETY DATA SHEET

Poisons Information Centre: 13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)