Section 1 – Identification of the Material and Supplier

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Broadmeadows, Vic, 3047	**Email: customerservice@oates.com.au**
Australia	**Website: www.oateslaboratories.com.au**

Chemical Nature:	Water soluble sachet of ingredients
Product Name:	**SACHET MAGIC: AUTOSCRUB HD CLEANER**
Product Use:	Heavy duty auto scrubber drier cleaner
Creation Date:	**October, 2013**
This version issued:	**October, 2016** and is valid for 5 years from this date.

Section 2 – Hazards Identification

GHS Pictogram

GHS05: Corrosion
GHS07: Exclamation mark

GHS Signal word: DANGER

HAZARD CLASSIFICATION

Serious eye damage.
Specific target organ toxicity (single exposure).

HAZARD STATEMENT:

H318: May cause severe skin burns and eye damage.
H335: May cause respiratory irritation.

PREVENTION

P102: Keep out of reach of children.
P264: Wash contacted areas thoroughly after handling.
P260: Do not breathe dust.
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P312: Call a POISON CENTRE or doctor if you feel unwell.
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.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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

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 powder.
Odour: Odourless.
Major Health Hazards: May cause severe skin burns and eye damage. May cause respiratory irritation.

Potential Health Effects

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

Skin Contact:

There may be irritation and redness at the site of contact.

Eye Contact:

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion:

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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)
Sodium Carbonate	497-19-8	30-50	not set	not set
Sodium metasilicate	6834-92-0	10-30	not set	not set
Citric Acid Powder	77-92-9	10-30	not set	not set
Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	1-10	not set	not set
Butyl Di Glycol	112-34-5	1-10	not set	not set
Alcohols, C9-C11 ethoxylated	68439-46-3	1-10	not set	not set
Alkylpolyglucoside C8-10	68515-73-1	<1	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.

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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: If irritation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. In severe cases, symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.

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

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Do not create dust.

Environmental Precautions: Do not discharge into drains or rivers.

Clean-up Procedures: 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/m³)** **STEL (mg/m³)**

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: 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 requirement.

Section 9 – Physical and Chemical Properties

Physical Description:	Powder
Colour:	Yellow
Odour:	Odourless
Melting Point/Range:	> 100°C
Specific Gravity:	0.90 g/cc
Water Solubility:	Soluble
pH:	Approx. 10.00 – 11.00 (2% solution)
Oxidising:	Non-oxidising

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Reactivity: Stable under recommended transport or storage 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 above.

Section 11 – Toxicological Information

Sodium Carbonate

ORL	MUS	LD50	6600 mg/Kg
ORL	RAT	LD50	4090 mg/Kg

SCU	MUS	LD50	2210 mg/Kg

Butyl Di Glycol

ORL	MUS	LD50	6050 mg/Kg
ORL	RAT	LD50	4500 mg/Kg

Alkylpolyglucoside

DEMAL	RAT	LD50	>2000 mg/Kg
ORAL	RAT	LD50	>2000 mg/Kg

Relevant hazards for mixture

Effect	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: Calculated
Serious eye damage/irritation	OPT	Hazardous: Calculated
STOT-single exposure	INH	Hazardous: Calculated

Classification of Hazardous Ingredients

Ingredient	Hazard Statements
Sodium Carbonate	H319: Causes serious eye irritation.
Sodium metasilicate	H314: Causes severe skin burns and eye damage.
	H335: May cause respiratory irritation.
Citric acid	H319: Causes serious eye irritation.
Sulfonic acids, C14-17-sec-alkane, sodium salts	H315: Causes skin irritation.
	H318: Causes serious eye damage.
	H302: Harmful if swallowed.
Butyl Di Glycol	H319: Causes serious eye irritation.
Alcohols, C9-C11 ethoxylated	H318: Causes serious eye damage.
	H302: Harmful if swallowed.
Alkylpolyglucoside	H318: Causes serious eye damage.

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.

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

Section 14 – Transport Information

ADG Code: 1759, CORROSIVE SOILD (SODIUM METASILICATE), N.O.S.
Hazchem Code: 2X
Special Provisions: 274

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Limited quantities: ADG 7 specifies a Limited Quantity value of 1KG for this class of product.
Dangerous Goods Class: Class 8: Corrosive Substances.
Packaging Group: II
Packaging Method: P002, IBC08
Class 8 Corrosive Substances shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), 6 (Toxic Substances where the Toxic Substances are cyanides and the Corrosives are acids), 7 (Radioactive Substances), Foodstuffs and foodstuff empties. They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.1 (Flammable Gases), 2.2 (Non-Flammable, Non-Toxic Gases), 2.3 (Poisonous Gases), 3 (Flammable liquids), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 6 (Toxic Substances except where the Toxic Substances are cyanides and the Corrosives are acids) and 9 (Miscellaneous Dangerous Goods).

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 (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 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.

This SDS is prepared in accord with the SWA document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals" (February 2016).

End of Safety Data Sheet

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