

# Safety Data Sheet

## Section 1: IDENTIFICATION

### OXYSAN

**Recommended Use:** Oxygen Based Safety Bleach

**Product Code:** See Manufacturers Code

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

<b>Manufacturers Product Code:</b>	OXYSAN	(5Kg)
	OXYSAN	(10Kg)
	OXYSAN	(20Kg)

## Section 2: HAZARDS

Classified as hazardous according to criteria of NOHSC

- R36:** Irritating to eyes.  
**S2:** Keep out of reach of children.  
**S22:** Do not breathe dust.  
**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not Applicable	To 100%
Sodium carbonate	497-19-8	30-<60%
Sodium Percarbonate	15630-89-4	10-<30%

## Section 4: FIRST AID

<b>Eye (contact)</b>	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 medical attention.
<b>Skin (contact)</b>	Remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation (Breathing)</b>	Remove to fresh air.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone: 13 11 26) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>First Aid Facilities</b>	Ensure an eye bath and safety shower are available and ready for use.
<b>Additional Information</b>	Breathing or respiratory disorders may be aggravated by exposure to this product.

## Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	This product is not flammable. Use extinguishing media suited to the materials that are burning. e.g. Dry chemical, CO <sub>2</sub> or water spray.
<b>Hazards from Combustion</b>	Not a fire hazard. Mild oxidiser. May react vigorously with acids, Generating carbon dioxide, a simple asphyxiant.
<b>Products</b>	
<b>Precautions for Fire Fighters and Special Protective Equipment</b>	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.
<b>Additional Information</b>	---

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide- (Guide 37) – for large volumes.
<b>Spills / Clean up</b>	For small volumes (approximately less than 1Kg) - Clean up personnel should wear protective clothing. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Shovel and sweep up. Avoid raising dust. 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.

## Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for Safe Storage</b>	Store in a dry, well ventilated place, out of reach of children. Store in original container. Keep container closed. Keep away from acids. Keep away from oxidising agents. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.

## Section 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

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

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
None known	-----	-----	----
<b>Biological Limit Values</b>	Not Available.		
<b>Engineering Controls</b>	Ensure adequate ventilation to keep airborne concentrations below exposure standards.		
<b>Personal Protective Equipment</b>	Eye/ Face protection- Safety glasses or chemical resistant goggles should be worn to prevent eye contact. Skin protection- Use nitrile rubber gloves, long sleeve shirt, pants and enclosed shoes to prevent skin contact. Respiratory protection- Respirator is not usually necessary but if product is being used in a confined area where dust is a problem, use an approved dust mask.		

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point/Melting Point:** NO DATA

**Odour:** BLAND

**Ignition Temperature:** NOT APPLICABLE

**pH:** 10.0-11.5 (1% AQUEOUS SOLUTION)

**Freezing point:** NOT APPLICABLE

**Vapour Density:** NOT AVAILABLE

**Specific Gravity:** 1.0

**Flashpoint (°C):** NOT APPLICABLE

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

**Appearance:** WHITE FREE- FLOWING CRYSTALLINE POWDER

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

**Solubility (g/l):** SOLUBLE

## Section 10: STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal ambient storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures (store below 30°C). Protect against physical damage.
<b>Incompatible materials</b>	Incompatible with strong acids, aluminium, tin, zinc and their alloys, fluorine and phosphorous pentoxide.
<b>Hazardous decomposition products</b>	Carbon dioxide on extreme heating.
<b>Hazardous reactions</b>	May react with ammonium salts, aluminium, tin and zinc to produce flammable hydrogen gas. May react violently with acids.

## Section 11: TOXICOLOGICAL INFORMATION

### Health Effects

#### Acute

<b>Swallowed</b>	Corrosive to mouth, throat. Likely to cause gastric upset, with nausea and vomiting.
<b>Eye</b>	Corrosive. Risk of corneal damage.
<b>Inhaled</b>	Inhalation of dust may cause irritation to the nose or throat.
<b>Skin</b>	Causes irritation and redness on contact with perspiration.

#### Chronic

<b>Swallowed</b>	None known.
<b>Eye</b>	Permanent injury may result.
<b>Inhaled</b>	None known.
<b>Skin</b>	None known.

### TOXICITY DATA

LD 50: Alkaline salts 1,100 - 7,400 mg/kg oral, rat

LC 50: Alkaline salts 2,300 mg/m<sup>3</sup>/2 hrs, rat

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available.
<b>Persistence and degradability</b>	Not available.
<b>Mobility</b>	Not available.

## Section 13: DISPOSAL CONSIDERATIONS

<b>Disposable method</b>	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 authorised landfill.
<b>Special precautions</b>	Normally suitable for incineration by approved agent.

## Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (AICS).

<b>UN Number:</b>	None Allocated
<b>UN Proper Shipping Name:</b>	None Allocated
<b>Class and subsidiary risk:</b>	None Allocated
<b>Packing Group:</b>	None Allocated
<b>Special Precautions for user:</b>	None Allocated
<b>Hazchem code:</b>	None Allocated

## Section 15: REGULATORY INFORMATION

**Poisons Schedule (SUSDP):** Schedule 6– CAUTION.

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:** 1<sup>st</sup> July 2014

### Legend to Abbreviations and Acronyms

< less than

**AICS** Australian Inventory of Chemical Substances

**CAS** Chemical Abstracts Service (Registry Number)

**CO<sub>2</sub>** 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

**LC<sub>50</sub>** LC stands for lethal concentration. LC<sub>50</sub> is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.

**LD<sub>50</sub>** LD stands for Lethal Dose. LD<sub>50</sub> is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals

**m<sup>3</sup>** cubic metre

**mg** milligram

**mg/kg** milligrams per kilogram

**mg/m<sup>3</sup>** milligrams per cubic metre

**Mm** millimetre

**NOHSC** National Occupational Health and Safety Commission

**SUSDP** Standard for the Uniform Scheduling of Drugs and Poisons

**UN** United Nations (number)