1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	**Oxygen Bleach**
Other Identifier:	Oxygen Bleach
Recommended Use:	Soaking and washing of stained garments. For Whiter Whites.
Supplier: **ABN:**	Big Bubble 51 290 656 636
Street Address:	18 Elliott Street Midvale Western Australia
Telephone Number:	+61 08 9274 1992
Poisons Information Centre:	**131 126 Australia**

2. HAZARDS IDENTIFICATION

Road and Rail; Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Globally Harmonised System

Hazard Classification
Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Hazard Categories
Serious Eye Damage/Irritation - Category 2A

Pictogram

Name of pictogram
Exclamation/Irritant

Signal Word
WARNING

Hazard Statements
H319 Causes serious eye irritation.

Precautionary Statement

Prevention
P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response
P101 If medical advice is needed, have product container or label at hand.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362 Take off contaminated clothing and wash before reuse.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: get medical advice/attention.

Disposal
P501 Dispose of contents/container in accordance with local/regional/national regulations

Poisons Schedule: S5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Sodium Carbonate	497-19-8	>60%
Sodium Percarbonate	15630-89-4	10-30%
Linear Alkyl Benzene Sulfonic Acid	27176-87-0	1-10%
Ingredients determined not to be hazardous including water.		Balance

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
Eye Contact:	Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.
Skin Contact:	If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.
Inhalation:	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Medical attention and special treatment:	Treat symptomatically. Can cause corneal burns.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Small fire: Use flooding quantities of water. Do NOT use dry chemicals, Carbon dioxide or foam. Large fire: Flood fire area with water from a protected position.
Flammability Conditions:	Contains Oxidising solid sodium percarbonate - Will accelerate burning when involved in a fire. Not combustible.
Hazardous combustion products:	Fire may produce irritating, toxic, and/or corrosive gases - Carbon monoxide, Carbon dioxide, NaOx may be liberated.
Precautions for fire fighters and special protective equipment:	On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately
Protective equipment:	Wear protective equipment to prevent skin and eye contamination and the inhalation of dust.
Methods and materials for Containment and clean up:	Small Spill: Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. Large Spill: Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:	Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.
Precautions for safe handling:	Avoid eye contact and skin contact. Avoid inhalation of dust.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	No value assigned for this specific material by Safe Work Australia.

Biological Monitoring	As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.
Engineering Controls:	Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask.
Personal Protective Equipment:	SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES, DUST MASK. Wear safety shoes, overalls, gloves, chemical goggles, dust mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. When handling individual retail packs no personal protection equipment is required.
Hygiene and work practices:	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Crystaline Powder
Colour:	White
Auto Ignition temperature:	No information available
Decomposition Temperature:	No information available
Evaporation Rate:	No information available
Flammability:	No information available
Flash Point:	No information available
Initial Boiling Point:	No information available
Melting/Freezing Point:	No information available
Odour:	Slight Lemon Odour
Odour Threshold:	No information available
Partition coefficient: n-octanol/water	No information available
pH:	No information available
Relative Density:	No information available
Solubility:	No information available
Upper Flammibility Limit	No information available
Lower Flammability Limit:	No information available
Explosive limits:	No information available
Vapour density:	No information available
Vapour pressure;	No information available
Viscosity:	No information available
Biopersistence:	No information available
Crystallinity:	No information available
Dustiness:	No information available
Particle size:	No information available
Redox potential:	No information available
Release of invisible flammable vapours and gases	No information available
Saturated Vapour Concentration	No information available

10. STABILITY AND REACTIVITY

Chemical stability:	Product is stable under normal conditions.
Conditions to avoid:	Protect from moisture/humidity. Protect from sunlight. Keep away from heat and ignition sources (no smoking, flares, sparks or flames).
Incompatible materials:	Keep away from combustible materials (wood, paper, clothing, etc). Incompatible with Organic materials, powdered metals, strong reducing agents and strong acids.
Hazardous decomposition products:	In case of heating (thermal decomposition): Formation of Sodium carbonate and Hydrogen peroxide. In case of fire: Carbon monoxide, Carbon dioxide, NaOx may be liberated.
Hazardous reactions or Polymerisation:	No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Exposure Limits:	
Ingestion:	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye contact:	A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury
Skin contact:	Contact with skin will result in irritation.
Inhalation:	Material may be an irritant to mucous membranes and respiratory tract.
Acute Toxicity:	Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5 mg/L Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin). Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser. Aspiration hazard: This material has been classified as non-hazardous. Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.
Chronic Toxicity:	Mutagenicity: This material has been classified as non-hazardous. Carcinogenicity: This material has been classified as non-hazardous. Reproductive toxicity (including via lactation): This material has been classified as non-hazardous. Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.

14. TRANSPORT INFORMATION

Road and Rail Transport Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Poisons Schedule: S5

A - For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor (at once).
G3 - If swallowed, do NOT induce vomiting
S1 - If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

AICS: All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Revision date: 26/05/2021
Reason for issue: Update SDS
Key/Legend:
< Less Than
> Greater Than
AICS Australian Inventory of Chemical Substances
atm Atmosphere
CAS Chemical Abstracts Service (Registry Number)
cm2 Square Centimetres
CO2 Carbon Dioxide
COD Chemical Oxygen Demand
deg C (**°C**) Degrees Celcius
g Grams
g/cm3 Grams per Cubic Centimetre
g/l Grams per Litre
HSNO Hazardous Substance and New Organism
IDLH Immediately Dangerous to Life and Health
immiscible Liquids are insoluable in each other.
inHg Inch of Mercury
inH2O Inch of Water
K Kelvin
kg Kilogram
kg/m3 Kilograms per Cubic Metre
LC50 LC stands for lethal concentration. LC50 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.
LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
ltr or **L** Litre
m3 Cubic Metre
mbar Millibar
mg Milligram
mg/24H Milligrams per 24 Hours
mg/kg Milligrams per Kilogram
mg/m3 Milligrams per Cubic Metre
Misc or Miscible Liquids form one homogeneous liquid phase regardless of the amount of either component present.
mm Millimetre mmH2O Millimetres of Water
mPa.s Millipascals per Second
N/A Not Applicable
NIOSH National Institute for Occupational Safety and Health
NOHSC National Occupational Heath and Safety Commission
OECD Organisation for Economic Co-operation and Development
PEL Permissible Exposure Limit
Pa Pascal
ppb Parts per Billion

ppm Parts per Million
ppm/2h Parts per Million per 2 Hours
ppm/6h Parts per Million per 6 Hours
psi Pounds per Square Inch
R Rankine
RCP Reciprocal Calculation Procedure
STEL Short Term Exposure Limit
TLV Threshold Limit Value tne Tonne
TWA Time Weighted Average
ug/24H Micrograms per 24 Hours
UN United Nations
wt Weight

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.