SAFETY DATA SHEET

FINGERTENS PTY LTD www.fingertens.com.au

Date 10/01/2020

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Pure White

Recommended use of the chemical and restrictions on use
Sanitiser and bleach.

Details of the supplier of the safety data sheet:
FINGERTENS Pty Ltd
Suite 1A / Level 2 802 Pacific Highway
Gordon NSW 2072
EMail admin@fingertens.com.au
Web Site: www.fingertens.com.au
Telephone: 1300 855 273
Facsimile: 1300 855 274

Emergency Telephone Number:
131126 Poisons Information Centre

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classified as hazardous according to Safe Work Australia criteria.

Label elements

Hazard pictogram

Signal Word
Danger

Hazard Statements
H315 Causes skin irritation
H318 Causes serious eye damage
AUH031 Contact with acids liberates toxic gas

Precautionary Statements

General

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Prevention

P264 Wash skin thoroughly after handling.
P280 Wear protective gloves and eye/ face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P321 Specific treatment (see supplemental first aid instructions on this SDS).

Other hazards
Poisons Schedule (SUSMP) S5 POISON

3. COMPOSITION INFORMATION

Mixtures

INGREDIENT	CAS NUMBER	PROPORTION
Sodium hypochlorite	7681-52-9	< 5 %

4. FIRST AID MEASURES

Description of first aid measures
For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

Inhalation
If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin contact
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eye contact
If in eyes, 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.

Ingestion
If swallowed, do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed
Causes skin irritation. Causes serious eye damage

Indication of any immediate medical attention and special treatment needed
Treat symptomatically. Can cause corneal burns. Delayed pulmonary oedema may result.

5. FIRE-FIGHTING MEASURES

Extinguishing media
Not combustible. If material is involved in a fire use: fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Special hazards arising from the substance or mixture
Not combustible. Decomposes on heating emitting toxic fumes.

Advice for firefighters
Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Keep containers cool with water spray.

Hazchem Code
None allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear protective equipment to prevent skin and eye contact and breathing in vapours. Shut off all possible sources of ignition. Work
up wind or increase ventilation. Clear area of all unprotected personnel. Contact local emergency services where appropriate.

Environmental precautions
Avoid contaminating waterways. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and material for containment and cleaning up
Contain using sand or soil. Prevent run off into drains or waterways. Use absorbent (soil, sand or other inert material). Collect and
seal in properly labelled containers or drums for disposal.

Reference to other sections
See Section 8 for appropriate personal protective equipment. See Section 13 for waste treatment methods.

7. HANDLING AND STORAGE

Precautions for safe handling
Keep out of reach of children. Avoid skin and eye contact and breathing in vapour. Always wash hands before smoking, eating,drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for safe storage, including any incompatibilities
This product is a Scheduled Poison (S5) and must be stored, maintained and used in accordance with the relevant regulations. Store ina cool, dry, well ventilated place out of direct sunlight. Store away from sources of heat or ignition. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Check regularly for leaks.

Specific end uses
See Section 1.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters
No exposure standard assigned for this specific material by the Safe Work Australia.

Exposure controls

Appropriate engineering controls
Ensure adequate ventilation when using. Use only in well ventilated areas. Do not breathe vapours. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed when not in use.

Individual protection measures, such as personal protective equipment
The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Eye/face protection
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Refer to Australian/New Zealand Standard AS/NZS 1337:1992 for guidance on selection and use of protective eyewear.

Skin protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Refer to Australian/New Zealand Standard AS/NZS 2161.1: 2000 for guidance on selection and use of protective gloves. Personal protective equipment for the body, appropriate footwear and any additional skin protection should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Refer to Australian/New Zealand Standard AS/NZS 1715 and AS/NZS 1716 for guidance on selection and use of respiratory devices.

General safety and hygiene measures
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental exposure controls
Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear pale yellow liquid
Odour	Chlorine
Odour threshold	Not available
pH	12.0 - 13.0
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1.05
Solubility	Soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not applicable
Oxidising properties	Not applicable

Other information
No additional information

10. STABILITY AND REACTIVITY

Reactivity

Reacts with acids. Reacts with ammonia.

Chemical stability
Stable under normal storage and use conditions. The amount of chlorine diminishes over time.

Possibility of hazardous reactions
Reacts with acids releasing chlorine gas. Reacts with ammonia. Decomposes on heating to produce chlorine gas.

Conditions to avoid
Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to light. Avoid contact with other chemicals. Avoid contact with acids.

Incompatible materials
Incompatible with acids. Incompatible with ammonia. Incompatible with metals.

Hazardous decomposition products
Chlorine.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available for the mixture

Ingredient	Oral Toxicity (LD50)	Dermal Toxicity(LD50)	Inhalation Toxicity(LC50)
Sodium hypochlorite	5800 mg/kg (rat)	>10000 mg/kg (rabbit)	

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes severe eye damage.

Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Summary of evaluation of the CMR properties: No data available

Specific Target Organ Toxicity (STOT)-single exposure: No data available

Specific Target Organ Toxicity (STOT)-repeated exposure: No data available

Aspiration hazard: No data available

Information on likely routes of exposure

Inhalation:
Exposure to vapour or mist may irritate respiratory tract.

Skin contact:
May cause skin irritation.

Eye contact:
May cause severe damage to eyes.

Ingestion:
Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea, vomiting and diarrheal.

Symptoms related to the physical, chemical and toxicological characteristics
May cause redness and tearing of the eyes. May cause burns to eyes. May cause redness to skin. Inhalation may cause coughing.

Delayed and immediate effects as well as chronic effects from short and long term exposure
No information available.

Numerical measures of toxicity
Acute oral toxicity estimate (ATE) > 5000 mg/kg
Acute dermal toxicity estimate (ATE) > 5000 mg/kg

Interactive effects
No information available.
Other information

12. ECOLOGICAL INFORMATION

Toxicity
Very toxic to aquatic life. Avoid contaminating waterways.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Waste must be disposed of in accordance with federal, state and local environmental control regulations. The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers..

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good by the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number
Not applicable

UN Proper shipping name
Not applicable

Transport hazard class(es):
Not applicable

Packing group
Not applicable

Environmental hazards:
Not applicable

Special precautions for user
Not applicable

Transport in bulk according to Annex II of MARPOL and the IBC Code
Not applicable.

Other relevant information:

Hazchem Code
None allocated

15. REGLATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Classification
Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.

Poison schedule
Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Inventory listing(s)
AICS (Australian Inventory of Chemical Substances): All components are listed on AICS, or are exempt

Chemical safety assessment
No chemical safety assessment has been carried out for this substance / mixture by the supplier.

16. OTHER INFORMATION

Revision Date Jan 2020

Abbreviations and Acronyms
ADG - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS - Australian Inventory of Chemical Substances
ATE - Acute Toxicity Estimate
CAS - Chemical Abstracts Service Registry Number
GHS - Globally Harmonized System of Classification and Labelling of Chemicals
IBC - Intermediate Bulk Container
IATA – International Air Transport Association
ICAO – Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG – International Maritime Dangerous Goods
IMO – International Maritime Organisation
LC50 - Lethal Concentration, 50% / Median Lethal Concentration
MARPOL 73/78 - International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
LD50 - Lethal Dose, 50% / Median Lethal dose
PBT - Persistent, Bioaccumulative and Toxic
STOT-RE - Specific target organ toxicity (repeated exposure)
STOT-SE - Specific target organ toxicity (single exposure)
SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons
UN - United Nations
vPvB - very Persistent and very Bioaccumulative

This MSDS has been prepared by the Technical Manager, Fingertens Pty Ltd.
Reason for issue: Revision 10/11/2016
Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since the manufacturer/supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.
If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.
Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is available upon request.