



# SAFETY DATA SHEET

**SANI TILE**

Infosafe No.: CI01G  
ISSUED Date : 07/02/2023  
ISSUED by: CUSTOM CHEMICALS  
INTERNATIONAL PTY LTD

## Section 1 - Identification

### Product Identifier

SANI TILE

### Product Code

0010044

### Company Name

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

### Address

103-107 Potassium Street Narangba  
QLD AUSTRALIA

### Telephone/Fax Number

Tel: 07 3204 8300  
Fax: 07 3204 8311

### Emergency Phone Number

13 1126 in Australia (AH)

### Recommended use of the chemical and restrictions on use

Chlorintaed water based cleaner

## Section 2 - Hazard(s) Identification

### GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Corrosive to metals: Category 1

Eye damage/irritation: Category 1

Skin corrosion/irritation: Category 1B

### Signal Word (s)

DANGER

### Hazard Statement (s)

AUH031 Contact with acids liberates toxic gas.

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

### Pictogram (s)

Corrosion



#### Precautionary Statement – Prevention

P234 Keep only in original packaging.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary Statement – Response

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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/doctor.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

#### Precautionary Statement – Storage

P405 Store locked up.

P406 Store in a corrosion resistant/approved container with a resistant inner liner.

#### Precautionary Statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

#### Precautionary Statement – General

P102 Keep out of reach of children.

### Section 3 - Composition and Information on Ingredients

#### Ingredients

Name	CAS	Proportion
Sodium hypochlorite	7681-52-9	5-10 %
Laurel dimethyl amine oxide	1643-20-5	<5 %
Myristyl dimethyl amine oxide	3332-27-2	<5 %
sodium hydroxide	1310-73-2	<1 %
Other ingredients determined not to be hazardous according to criteria of Worksafe Australia		-

### Section 4 - First Aid Measures

#### Inhalation

If inhaled, remove affected person from contaminated area. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Apply artificial respiration if not breathing. Seek medical attention.

#### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. If vomiting occurs, give further water to achieve effective dilution. Seek immediate medical attention.

#### Skin

Wash skin with plenty of water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention if burning, irritation or redness develops.

### **Eye**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

### **First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

### **Advice to Doctor**

Treat symptomatically.

### **Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## **Section 5 - Firefighting Measures**

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### **Fire Fighting Measures**

Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of combustion or decomposition.

### **Suitable Extinguishing Media**

Use carbon dioxide, water fog or fine water spray.

### **Hazards from Combustion Products**

Non combustible material however if involved in a fire will emit toxic fumes.

### **Specific hazards arising from the chemical**

This product is non combustible.

### **Hazchem Code**

2X

## **Section 6 - Accidental Release Measures**

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### **Spills & Disposal**

Minor spills do not normally need any special clean up measures. In the event of a large spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for disposal by an approved agent according to local regulations. Residual deposits will remain slippery, wash down with excess water. If required, neutralise with sodium metabisulphite or sodium thiosulphate. If contamination of drains or sewers occurs advise local emergency services.

### **Clean-up Methods - Large Spillages**

For large spills or tank rupture, consider initial evacuation to a distance of 100m in all directions. Stop leak if safe to do so. If available use water spray to disperse vapours. Wear appropriate PPE as listed in Section 8 of this SDS to prevent skin and eye contamination. Notify local environmental protection authority.

## **Section 7 - Handling and Storage**

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### **Precautions for Safe Handling**

Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

### **Conditions for safe storage, including any incompatibilities**

Store in a cool dry well-ventilated area. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

## **Section 8 - Exposure Controls and Personal Protection**

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### **Occupational exposure limit values**

No Exposure Limit Established

### Engineering Controls

This substance is hazardous and should be used in a well ventilated area. If the engineering controls are not sufficient to maintain concentrations of dust below the exposure standards, suitable respiratory protection must be worn.

### Respiratory Protection

Not required for normal cleaning operations with adequate ventilation. Where high contaminant spray mist or vapour levels exist, the following additional equipment is required: For short, elevated exposures eg. spillages - Appropriate organic vapour cartridge respirator as per the requirements of AS/NZ 1715 & AS/NZ 1716.

For prolonged exposure and confined spaces - full face, air supplied or self contained breathing apparatus.

### Eye and Face Protection

The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting etc.

### Hand Protection

Wear gloves. Overalls, work boots & elbow length gloves are recommended for handling the concentrated product in quantity, cleaning up spills, decanting etc.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Straw coloured liquid
Odour	Chlorine	Freezing Point	Approx 0°C
Boiling Point	100°C	Solubility in Water	Miscible in all proportions.
Specific Gravity	1.0 - 1.1 (25°C)	pH	>12 (neat)
Vapour Pressure	Not available	Volatile Component	Ca 90% v/v
Flash Point	Not flammable		

## Section 10 - Stability and Reactivity

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

ACIDS; violent reaction can occur yielding heat and pressure which can burst an enclosed container. Attacks many reactive metals (aluminium, magnesium, zinc alloys) releasing flammable gas (hydrogen) which then generates fire or explosion hazards. Reacts slowly with ambient air (particularly carbon dioxide) which may cause certain insoluble salts to form in solutions.

### Incompatible Materials

Amines, ammonium salts, aziridine, methanol & phenylacetonitrile. Reacts with metal salts, peroxides & reducing agents. Reacts violently with acids.

### Hazardous Decomposition Products

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Reacts vigorously with acids producing dangerous levels of gaseous chlorine.

### Hazardous Polymerization

Not available.

## Section 11 - Toxicological Information

### Toxicology Information

No adverse health effects expected if the product is used in accordance with this Safety Data Sheet and product label.

### Acute Toxicity - Oral

For Sodium Hypochlorite LD50(Rat): 8910 mg/kg

**Ingestion**

Harmful if swallowed. Ingestion of this product may cause nausea, vomiting of blood and eroded tissue, chemical burns of the throat, mouth and abdomen.

**Inhalation**

May cause severe bronchial irritation and pulmonary edema.

**Skin**

Corrosive to skin. May cause burns. Severity depends on the concentration and duration of exposure.

**Eye**

Severe irritant/corrosive to eyes. Contact can cause corneal burns. Repeat overexposure may lead to chronic conjunctivitis.

**Chronic Effects**

Repeated overexposure may lead to increased susceptibility to respiratory illness. Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis.

## Section 12 - Ecological Information

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**Ecotoxicity**

Harmful to aquatic life.

**Persistence and degradability**

Individual components stated to be biodegradable.

**Mobility**

Product miscible in all proportions with water. Do not discharge bulk quantities into drains, sewers or waterways.

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

**Acute Toxicity - Fish**

LC50(48hr): 0.07 - 5.9 mg/L

## Section 13 - Disposal Considerations

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**Disposal Considerations**

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

## Section 14 - Transport Information

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**Transport Information**

This material is a Class 8 - Corrosive and subsidiary Class 3 - Flammable Liquid Dangerous Good according to the Australian Code for the Transport of Dangerous Goods. It is incompatible in a placard load with any of the following:

- Class 1, Explosives,
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk,
- Class 2.3, Toxic Gases,
- Class 4.2 Spontaneously Combustible Substances,
- Class 4.3, Dangerous When Wet Substances,
- Class 5.1, Oxidising Agents & Class 5.2 - Organic Peroxides,
- Class 6, Toxic Substances (where the Toxic substances are cyanides and the corrosives are acids),
- Class 7, Radioactive Substances,
- Class 8, Corrosive Substances (concentrated strong acid is to be segregated from concentrated strong alkali), and is incompatible with food and food packaging in any quantity.

**ADG U.N. Number**

3266

**ADG Proper Shipping Name**

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(sodium hypochlorite, sodium hydroxide)

**ADG Transport Hazard Class**

8

**ADG Packing Group**

III

**Hazchem Code**

2X

**IERG Number**

37

## Section 15 - Regulatory Information

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**Regulatory Information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

**Poisons Schedule**

S5

## Section 16 - Any Other Relevant Information

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**Date of Preparation**

SDS reviewed: February 2023, Supersedes: June 2017

**Revisions Made**

Reason for revision: GHS 7 Revision.

**Literature References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

**Uses and Restrictions**

Simply apply diluted solution directly to the area which requires cleaning.

Removal of stains: 200ml product per bucket of water

Toilet Bowls: apply 100ml directly to bowl and leave for as long as possible, then brush before flushing.

**Other Information**

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

## END OF SDS

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