

Safety Data Sheet

Issue date: 12/12/2016 – Updated 24/9/2019



Product Name: Floorsafe Product TC

1. Identification of Material

1.1 Product Identifier

Product Code: TC
Product Name: Floorsafe Product TC
Correct Shipping Name: Corrosive Liquid, N.O.S (contains Hydrochloric Acid)
HS Tariff Code: 2826.19

1.2 Correct Usage

Recommended use: Product to be used as part of the Floorsafe Anti-Slip treatment – specifically for concrete and terrazzo floors

1.3 Company Details

Company Name: Floorsafe NZ 2008 LTD
Address: 100 A Park Rd Katikati
Telephone No: 07 5422240
Email: info@floorsafen.z.co.nz

1.4 Emergency Contact Details

Emergency : 0272221742 Murray Jepson
NZ Poisons Centre 0800 Poison (0800 764 766)

2. Hazards Identification

2.1 Classification of the Mixture

Hazardous according to criteria of Worksafe Australia

HSNO Category Skin corrosion/irritation 8.2B
Serious eye damage/eye irritation 6.4A
HSR002658 Corrosive

GHS Classifications: Skin Corrosion – Category 1B

Non-GHS hazard statements

And classification criteria: AUH070 - Toxic by eye contact

2.2 Label Elements

Signal Word: DANGER

Pictograms:



Hazard Statement/s: H314 – Causes severe skin burns and eye damage

Precautionary Statements: P261 – Avoid breathing dust/fumes/gas/mist/vapour/spray
P264 – Wash hands thoroughly after handling
P280 – Wear Protective gloves, clothing and eye protection

P270 – Do not eat, drink or smoke when using this product
P301 + P310 + P330 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting immediately call a poison centre or doctor/physician
P303 + P361 + P353 – IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/shower
P363 – wash contaminated clothing before reuse
P304 + P340 + P310 – IF INHALED: remove victim to fresh air and keep at rest in position comfortable for breathing. Immediately call a poison centre or doctor/physician
P305 + P351 + P338 – IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing
P405 – Store locked up
P501 - 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.

3. Composition/Information on Ingredients

Ingredient Name	CAS Number	Concentration
Hydrochloric Acid	7647-01-0	9.38%
Amphoteric Surfactants		6.0%

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First Aid Measures

Swallowed: Rinse mouth with water. Do not induce vomiting. Give water to drink and seek immediate medical advice

Eye: Immediately irrigate with copious amounts of water for at least 15mins. Hold eyelids open. Seek medical attention

Skin: Remove heavily contaminated clothing. Wash affected area with copious amounts of water for at least 15 mins. If irritation develops seek medical attention

Inhaled: Remove victim from exposure. Allow patient to assume most comfortable position. Keep warm and at rest until fully recovered. If breathing has stopped apply artificial respiration immediately. Seek medical attention

5. Fire Fighting Measures

Extinguishing Media: Use extinguishing media appropriate to surrounding fire

Hazardous combustion

Products: If involved in a fire highly toxic fumes will be evolved

Flash Point: No Data

Flammable Limits: No Data

Special Exposure Hazards: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Equipment for Fire fighters: fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCUBA) with full face piece operated in positive pressure mode

Reactive data: Do not mix with acids bleaches or other cleaning solutions. Do not splash onto metal surfaces if splashing occurs rinse with water and wipe clean

6. Spills and Disposal

Personal Precautions: Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe in vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment

Large Spills: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up with water. Neutralize if washing down storm water drains

For disposal refer to State Waste Management Authority

7. Safe Handling Information

Handling: Classified as a Class 8 (CORROSIVE) Dangerous Substance for the purpose of transport. Refer to the relevant regulations for storage and transport requirements

Not to be loaded with explosives (class 1), dangerous when wet substances (class 4.3), oxidising agents (class 5.1), organic peroxides (class 5.2), poisonous substances (class 6), radioactive substances (class 7) and foodstuff empties, however exemptions may apply

This Material is a schedule Poison (S6) and must be used, stored and maintained in accordance with the relevant regulations

Storage: Store in a cool place in sealed Plastic containers. Store in well-ventilated area. Store away from:

1. oxidising agents and food stuffs
2. Sources of heat
3. Bases
4. Glass
5. Acids

Keep containers closed when not in use.

8. Exposure Controls/Personal Protection

Exposure Standards: No Value assigned by the National Occupational Health and Safety Commission (Worksafe Australia). Keep Exposures as low as Practicable

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

Potential contaminated clothing. Wash contaminated clothing before re using. Ensure that eye wash stations and safety shoers are close to the workstation.

Engineering controls: In very confined spaces have sufficient ventilation

Personal Protection: Wear Rubber Gloves, waterproof footwear and eye protection. Always maintain a high level of personal hygiene when using this product.

Waste Solutions: Water Corporation advises that wast solution may cause damage to metal pipes and concrete pits

References: Eye protectors should confirm to AS/NZS 1336 and AS/NZS 1337. Chemical-resistant gloves should conform to AS/NZS 2161.1. Respiratory protection should conform to AS/NZS 1716. Occupation footwear should conform to AS/NZS 2210

9. Physical and Chemical Properties

Physical State:	Liquid
Colour:	Orange
Boiling Point:	60°C
Vapour Pressure:	Not Available
Flash point (°C):	Non-Flammable
Flammable Limits:	Not Applicable
Specific Gravity:	1.07
PH:	Reading Unavailable
Solubility in water at room Temperature (g/l):	100%

10. Stability and Reactivity

General information:	Corrosive
Chemical Stability:	Product is stable under normal conditions of use, storage and temperature
Conditions to avoid:	Incompatible materials, moisture, temperatures above 60°C
Materials to Avoid:	Metals, acids, bases, glass
Hazardous Decomposition Products:	Fire may produce irritating or poisonous gases. Containers may explode in heat of fire. At high temperatures, Hydrochloric acid decomposes into hydrogen and chlorine

11. Toxicology Information

Swallowed:	Toxic if swallowed. Ingestion causes burning, abdominal pain, vomiting and diarrhoea
Eye:	will cause moderate to severe irritation to eyes
Skin:	may cause irritation or burning to the skin after prolonged contact
Inhaled:	may cause irritation to the respiratory system at elevated concentrations
Chronic Effects:	prolonged contact with skin by the undiluted product will cause severe irritation and burning sensation that will be delayed for several hours

12. Ecological Information

Persistence/Degradability:	No Information available
Mobility:	No Information available
Environmental Fate:	Do NOT let product reach water ways, drains and sewers
Bioaccumulation Potential:	No Information available
Environmental Impact:	No Data Available

13. Disposal Considerations

General Information:	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.
-----------------------------	---

Special Precautions for Land Fill: Contact a specialist disposal company or the local waste regulator for advice. Incinerate at an approved site following all local regulations. This material may be suitable for approved landfill.

14. Transport Information



Road and rail transport:

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS

UN Number: 1760

DG Class: 8

Packing Group: 3 (III)

Proper Shipping Name: Corrosive Liquid, N.O.S (contains Hydrochloric Acid)

HAZCHEM Code: 2R

Marine Transport:

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

UN Number: 1760

DG Class: 8

Packing Group: 3 (III)

Proper Shipping Name: Corrosive Liquid, N.O.S (contains Hydrochloric Acid)

HAZCHEM Code: 2R

SUSDP: S6 (FED)

G.T.EPG: 8A1

SPEC.EPG: Not Allocated

Air Transport:

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

UN Number: 1760

DG Class: 8

Packing Group: 3 (III)

Proper Shipping Name: Corrosive Liquid, N.O.S (contains Hydrochloric Acid)

HAZCHEM Code: 2R

15. Regulatory Information

HSNO Category

Skin corrosion/irritation 8.2B

Serious eye damage/irritation 6.4A

HSR002658

Corrosive

Poisons Schedule: S7

Packaging and Labelling: As required by the ADG Code and the Standard for the Uniform Scheduling of Drugs and Poisons

16. Other Information

Manufacturer Floorsafe Australia
88 Gibson Street Bowden SA 5007
Ph: 08 8410 0054
After Hours: 0410 114 132

NZ Poison Centre information 0800 Poison (0800 764 766)

Disclaimer: Floorsafe Australia Pty Ltd has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Floorsafe Australia's control.