

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: QUICK CLEAN

Recommended use: Metal Cleaning, Scale Removal, Concrete Removal

Supplier: Treblex Industrial Pty Ltd
ACN: 115 624 475
Street Address: Unit 1 / 26 ilda Rd
CANNING VALE
PERTH W.A. 6155

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0438 120 976

SDS DATED: May 2023

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS Classification(s) Skin Corrosion / Irritation: Category 1B
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3

Signal Word: DANGER

Pictograms:



Hazard Statement(s):	H314 H335	- Causes severe skin burns and eye damage. - May cause respiratory irritation.
Prevention Statement(s):	P260 P264 P271 P280	- Do not breath dust/fume/gas/mist/vapours/spray. - Wash thoroughly after handling. - Use only outdoors or in well ventilated area. - Wear protective gloves, clothing, eye and face protection.
Response Statement(s):	P301+P330+P331 P303+P361+P353 P304+340 P305+P351+P338 P310 P321 P363	- If swallowed, rinse mouth. Do NOT induce vomiting. - If on skin (or hair), Remove / take off immediately all contaminated clothing. Rinse skin with water/shower. - If inhaled, remove to fresh air and keep at rest in a position comfortable breathing. - If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - Immediately call a POISON CENTRE or doctor/physician. - Specific treatment is advised – see first aid instructions. - Wash contaminated clothing before reuse.
Storage Statement(s):	P403+P233 P405	- Store in well ventilated place. Keep container tightly closed. - Store locked up.
Disposal Statement(s):	P501	- Dispose of contents/container in accordance to relevant regulations.
Other Hazards:	No information provided.	

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Metal cleaning, scale removal, concrete removal.

Appearance: Colourless to yellow clear liquid with characteristic acid odour.

CHEMICAL ENTITY	CAS NO.	EC Number	Content
Water	7732-18-5	231-791-2	>60%
Hydrochloric Acid	7647-01-0	231-595-7	10-30%
Other ingredients determined to be Non Hazardous.	Not Available	Not Available	Remainder

All the constituents of these materials are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26

Ingestion: Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance if irritation persists.

Skin Contact: Immediately wash contaminated skin with plenty of water. For gross contamination, immediately drench with water and remove clothing. Remove contaminated clothing and wash before re-use.

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.

Important Symptoms: See section 11 for more detailed information on health effects and symptoms.

Notes to physician: Treat symptomatically as for inhalation of hydrogen chloride and chemical burns from strong acid.

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Not combustible. Fire fighters to wear self-contained breathing apparatus operated in positive pressure mode. Use water spray to disperse vapours. This product should be prevented from entering drains and waterways by any means.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder). Use water spray to keep fire exposed containers cool.

Special Hazards: Not combustible. Not a fire hazard.

Hazchem Code: 2R.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: Evacuate all unnecessary personnel. Increase ventilation. Wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to minimize inhalation, skin and eye exposure. If possible contain spill. Shut off the source of the spill if personally safe to do so. For small spills, place inert absorbent such as vermiculite, sand or dirt onto material. A small spill could be neutralised (pH6-8) by the careful addition of lime or

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sodium carbonate (soda ash). Use clean compatible tools to collect the waste material and place into suitable labeled plastic container for disposal. Do not dilute material but contain with sand or earth. For large spillages contains with temporary bund of sand or earth and prevent entry into drains, sewers and watercourses. For large spills notify Emergency Services. Transfer contained liquid to suitable containers using acid resistant equipment. If a significant quantity of this material enters a waterway contact Environmental Protective Authority, or you local Waste Management Authority.

Wear personal protective equipment as detailed in section 8 of the SDS.

7. HANDLING AND STORAGE

Storage: Ensure containers are adequately labelled and sealed when not in use. Store in a cool, dry and well ventilated area away from incompatible substances, heat or ignition sources. Check regularly for leaks or spills.

Before use carefully read the product label. Safe working practices are recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

Exposure standard for major constituent: Hydrogen Chloride– Reference (SWA AUS)–TWA-5ppm, 7.5mg/m³ peak.

Biological Limits: No biological limits entered for this product.

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Peak limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

This exposure standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Measures: Avoid inhalation. Use in well ventilated area. If there is an inhalation risk mechanical extraction ventilation is recommended.

Personal Protection Equipment: Wear chemical goggles, impervious pvc or rubber gloves, coveralls, pvc apron and rubber boots. If inhalation risk wear full face type B respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Colourless to yellow clear liquid with characteristic acid odour.

Specific Gravity:	1.09	Melting Point (C):	46.2°C
Rel Vapour Density:	Not determined	Boiling Point (C):	108.6°C
Vapour Pressure	23.5mm kg @ 20°C	Decomp. Point (C):	Not determined
Flash Point:	Not determined	Sublimation Point:	Not applicable
Flammability Limits:	Not determined	pH:	<1.0
Autoignition Temp (C):	Not determined	Viscosity:	Not determined
% Volatile by Volume:	76	Evaporation Rate:	Not determined
Solubility in Water:	100%		

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Carefully review all information provided below.

Hazardous Polymerisation: Will not occur.

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Conditions to Avoid: Open flames, heat sparks and any other forms of ignition.

Materials to Avoid: Strong oxidising agents, all metals and alkalis.

Hazardous Decomposition Products: May evolve toxic gases when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

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

Acute Toxicity: Based on the available data this product is expected to be of low toxicity.

Main constituent Hydrochloric Acid – Acute oral LD50: 2210mg/kg (rat)

Inhalation: 1108ppm/1hr (human)

Ingestion: Causes burns. May cause severe burns to mouth, throat and stomach.

Eye Contact: Causes severe burns. Can result in permanent eye damage and loss of sight.

Skin Contact: Causes severe burns and irritation.

Inhalation: Inhalation of mists may result in respiratory irritation and corrosive effect to the mucous membranes.

Sensitisation: No sensitisation to skin or respiratory system.

Mutagenicity Carcinogenicity and Reproductive Toxicity: Not classified as a mutagen, carcinogen or reproductive toxin.

Specific Target Organ Toxicity (STOT-RE & STOT-SE): Over exposure may result in irritation to the nose, irritation to the throat, coughing and bronchitis. High level exposure may result in lung damage, pneumonitis, pulmonary oedema and ulceration of the respiratory tract. Not classified as causing organ damage from repeated exposure.

Aspiration Hazard: Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information provided.

Bioaccumulative Potential: Not expected to bioaccumulate.

Persistence and Degradability: Fully biodegradable.

Mobility in Soil: Will permeate downwards and may dissolve some soil matter. Some acid will be neutralized, however significant amounts will remain and may enter the groundwater.

Other adverse effects: No information provided.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Small spills can be greatly diluted with water or carefully neutralized with lime or soda ash and flushed to drain with copious amounts of water. Alternatively, normally suitable for disposal at approved land waste site after neutralization.

Dispose of waste water according to local, state and federal regulations.

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14. TRANSPORT INFORMATION

Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

UN Number: 1760
Proper Shipping Name: Corrosive Liquid, N.O.S.
Transport Hazard Class: 8
Packaging Group: II

Environmental Hazards: No information provided.
Special Precautions: GTEPG: 8A1 EMS: F-A,S-B.

Hazchem Code: 2R.

15. REGULATORY INFORMATION

Poison Schedule: Classified as a schedule 6 (S6) as per SUSMP criteria.

Inventory Listings: All ingredients are listed in the Australian Inventory of Chemical Substances, AICS.

Classified and User Label Information: Classification and labelling have been performed according to regulations.

16. OTHER INFORMATION

Abbreviations and Acronyms:

ADG7 -	Australian Code for the Transport of Dangerous Goods 7 th edition.
AICS -	Australian Inventory of Chemical Substance.
Cas No -	Chemical Abstracts Service Number (or CAS Registry Number).
EC Number -	European Community Number.
EMS -	Emergency Schedules (emergency procedures for ships carrying dangerous goods).
GHS -	Globally Harmonised System of Classification and Labelling of Chemicals.
GTEPG -	Group Text Emergency Procedures Guide.
Hazchem -	Emergency Action Code of Numbers and Letters that provide information to emergency services.
IATA-DGR -	Dangerous Goods Regulations by the International Air Transport Association.
IMDG -	International Maritime Code for Dangerous Goods.
PH -	Relates to Hydrogen Ion Concentration using a scale of 0 (High Acidic) to 14 (High Alkaline).
SDS -	Safety Data Sheet.
STOT-RE -	Specific Target Organ Toxicity (Repeated Exposure).
STOT-SE -	Specific Target Organ Toxicity (Single Exposure).
SUSMP -	Standard for the Uniform Scheduling of Medicines and Poisons.

This SDS summarises at the date of issue or 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 Treblex Industrial and its subsidiaries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS 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 sent to our customers and is also available upon request.