



Material Safety Data Sheet – Triton Anti Lime Solution

Identification

Product Name:	Triton Anti Lime Solution
Product Code:	IK 20
UN Number:	1789
Dangerous Goods Class:	8
Subsidiary Risk:	None allocated
Hazchem Code:	2R
EPG:	8A1
Packing group:	II
Poisons Schedule:	S6
Use:	Removing concrete, rust stains and scale

Physical Description/Properties

Appearance:	Clear green liquid
Boiling Point:	Below 110°C
Vapour Pressure:	Not determined
Specific Gravity:	1.1
Flashpoint:	Not flammable
Flammability Limits:	Not determined
Solubility in Water:	Soluble

Other Properties

Corrosiveness:	Corrosive
pH (1% solution):	1

Ingredients

All products are formulated to be non-hazardous to health and environment, wherever possible. All hazardous substances as defined by NOHSC Code 1008 are listed by Cas No. Other major ingredients, which are determined to be non-hazardous are listed without a Cas No.

Chemical Name	Cas No.	Proportion
Hydrochloric acid	7647-01-0	<15%
Proprietary Non Hazardous Ingredients		<25%
Water		to 100%

Health Hazard Information

Health Effects

Acute:

- Swallowed: Severe burning and/or perforation of the digestive system.
- Eye: Splashing into the eyes may cause severe and irreversible damage with possible corneal scarring.
- Skin: Can cause severe burns.
- Inhaled: High vapors concentrations can cause severe burns to the lips, mouth, throat and lungs.
- Chronic: Long term effects unlikely.

First Aid

If swallowed, seek medical assistance immediately. Do NOT induce vomiting.

- Eye: Immediately irrigate with copious amounts of water for at least 15 minutes. Hold the eyelids open. Obtain medical attention immediately.
- Skin: Immediately flush contaminated area with water and remove contaminated clothing. Obtain medical attention if necessary.
- Inhaled: Obtain medical attention if necessary.
- First Aid Facilities: Eye Wash, Deluge Shower
- Advice to Doctor: Treat symptomatically.

Precautions for Use

- Exposure Standards: Not determined.
- Engineering Controls: Ensure adequate ventilation.
- Personal Protection: Avoid skin and eye contact and inhalation of vapour. Wear appropriate protective clothing, gloves, overalls. Long apron, chemical safety glasses, face shield, hat and safety boots should be used as necessary. If there is a risk of inhalation of vapour, wear a suitable respirator. Safety showers and eye irrigation facilities should be provided if possible. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing or other protective equipment before storing or re-using.
- Flammability: Not flammable.

Safe Handling Information

Hazard category: T: TOXIC C: CORROSIVE

Risk Phrases

R23 Toxic by inhalation
R35 Causes severe burns.

Safety Phrases

S1/2 Keep locked up and out of reach of children
S9 Keep container in a well ventilated place
S26 In case of contact with eyes, rinse immediately with water and contact a doctor or Poisons Information Centre
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre. Immediately (show the label where possible)

Avoid breathing vapour or spray mist.

Storage: Store in a cool, dry, well ventilated area, out of direct sunlight. Keep containers closed at all times – check regularly for leaks.

Spills and Disposal: Increase ventilation. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain using sand or soil – prevent run off into drains and waterways. Dilute with water and neutralise using the most readily available source of alkali.

Fire/Explosion Hazard: Non-flammable. When heated, product emits corrosive chloride fumes. Keep containers cool with water spray to prevent possible rupture of containers. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of decomposition.

Extinguishing Media: Dry powder. carbon dioxide, foam or water delivered as a fine spray

Other Information

This MSDS is valid for five years from date of issue but readers should contact the manufacture to ensure that this is the latest issue.

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