

Materials Safety Data Sheet.

CF Clean - Effective Feb 2019.1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	CF Clean
Manufacturer/distributor	Traxx Construction Products Unit 4/1 Rocklea Drive, Port Melbourne, Victoria 3207 Phone: 03 9646 9200
Advice	Technical Department Phone: 03 9646 9200
Proper shipping Name (ADG Code)	Corrosive Liquid N.O.S.
Recommended intended purpose(s)	Grout Cleaner.

Cleaner for concrete cutting, drilling or grinding equipment. Removal of thin unwanted layers of set concrete. CF Clean is normally applied directly on the surface to be cleaned and washed off with water after a short period.

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of Worksafe Australia and Dangerous Goods according to the ADG Code.

2.1 Health Effects – Acute

Swallowed: Ingestion may cause irritation of the throat and digestive tract

Eyes: Contact with eyes is likely to cause irritation.

Skin; Contact with skin is likely to cause irritation.

Inhaled: Under normal conditions the concentration in the air will be insufficient to cause irritation to the nose or respiratory system. However, mists or fine droplet dispersions are irritant and cause damage.

2.2 Health effects – chronic

No information available.

Risk phrases: *R36 / 38 Irritating to eyes and skin.*
R41 Risk of serious eye damage.

Safety phrases: *S24 / 25 Avoid contact with skin and eyes.*
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soapsuds.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

Traxx Construction Products Pty Ltd

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	C.A.S. No.	Weight
Phosphoric Acid	7664-383-2	15-35

Surfactants deemed not to be Hazardous

4. FIRST AID MEASURES

Inhalation: Remove from exposure, consult a doctor if necessary

Skin Contact: Take off all contaminated clothing immediately. Wash contaminated area with soapy warm water.

Eye Contact: Immediately irrigate with copious amounts of water, for at least 15 minutes, with the eyelids open .GET PROMPT MEDICAL ATTENTION

Ingestion: Do not induce vomiting. Consult a doctor immediately.
Give water to drink - 3-4 glasses.

General Information: Treat symptomatically based on the judgment of the doctor and individual reactions of the patients.

5. FIRE FIGHTING MEASURES

In the event that this product is involved in a fire, toxic fumes may be emitted.

Extinguishing Media: Water spray, foam, carbon dioxide, and dry chemical powder.

Unsuitable Extinguishing Media: None known

Specific Hazards: None known

Special Protective Equipment: Firefighters should wear self contained breathing apparatus if there is a risk of exposure to products of combustion.

Unusual fire and explosion hazards: Acids react with most metals to form hydrogen gas.

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6. ACCIDENTAL RELEASE MEASURES

In case of spillage prevent by any means available the material from entering drains watercourses or sewers. Spilled material will make surfaces slippery. Contain and recover spilled material using sand or other suitable inert absorbent material whilst wearing suitable protective equipment. Place contaminated material in securely sealed bags or drums and dispose of appropriately. This material is a prescribed waste and therefore compliance with all government regulations on waste disposal is required.

Small spillages may be neutralized by the liberal application of soda ash or crushed limestone.

7. SAFE HANDLING AND STORAGE:

Precautions for safe handling:

Avoid contact with skin and eyes.
Keep away from alkalis and metal powders
Mix well before using

Safe Storage: Store in a cool, dry ventilated place, in closed original container. Keep containers closed at all times. Protect container from physical damage. Isolate from any source of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: For phosphoric acid are ES-TWA 1mg/m³, ES-TEL 3mg/m³

Product Exposure Limits: Not established

General Precautions: Good industrial hygiene should be followed

Ventilation: Good general ventilation should be adequate under normal conditions

Personal Protection: Wear safety glasses or face shield and appropriate chemical resistant gloves

Other: Wash hands after use. Do not smoke, eat or drink during use

9. PHYSICAL AND CHEMICAL PROPERTIES

State/Color/Odor: liquid/red/negligible

pH, 5 %w/w: 1-2

Specific Gravity @ 20°C: 0.99-1.03

Melting Point: Not available

Boiling Point: Approx. 100 C

Solubility in water: Soluble

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10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Materials to Avoid:	Strong oxidizing agents and incompatibles
Incompatible Materials:	Active Metals (such as: Aluminum and Zinc), alkalis
Conditions to Avoid:	Extreme heat and sources of ignition
Hazardous Decomposition Products:	Oxides of phosphorus, oxides of nitrogen, hydrogen chloride.
Hazardous reactions:	Will react vigorously or violently with alkalis. Contact with carbonates or bicarbonates will generate carbon dioxide. Contact with active metals may generate hydrogen.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: no data available for the product

Inhalation toxicity: no data available for the product

12. ECOLOGICAL INFORMATION

Degradability: No data available for the product

Aquatic Toxicity: Harmful to aquatic life, do not allow into water ways

Bacterial Toxicity: No data available for the product

13. DISPOSABLE CONSIDERATIONS

Rinse used containers with water. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

Classified as **hazardous** according to the criteria of Worksafe Australia and Dangerous Goods according to the AD Code; precautionary signage required

General: Classified as a Dangerous Good according to Worksafe Australia, IMDG and IATA.

*PRODUCT CLASS 8
PACKAGING GRP III
U.N. NUMBER 1760
POISONS SCHEDULE S5
HAZCHEM 2R
UN PROPER SHIPPING NAME: CORROSIVE LIQUID N.O.S*

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Special precautions: Do not store or transport with other dangerous goods of classes 1, 4.3, 5.1, 5.2, 6(cyanides), 7, 8 (alkalis), foodstuffs or foodstuff empties.

Material for export: Regulated. Refer to IMO/IMDG and IATA/ICAO

15. REGULATORY INFORMATION

All ingredients listed on AICS (Australia)

Labeling requirements according to the criteria of NOHSC:

R36 / 38 Irritating to eyes and skin.

R41 Risk of serious eye damage.

S24 / 25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of soapsuds

S36 / 37 / 39 Wear suitable protective clothing, gloves and eye/face protection

S46 If swallowed, seek medical advice immediately and show this container or label

16. OTHER INFORMATION

Date of MSDS February 2019

IMPORTANT NOTE

The advice and information given herein is based on our best knowledge of the health and safety hazard information of the product. We believe the information to be accurate and reliable as at the date supplied. However no warranty is made express or implied, regarding the accuracy of this document, since the information contained herein may be applied under conditions beyond our control and under conditions with which we may be unfamiliar. We pursue a policy of ongoing research and development aimed at product improvement and therefore may change the formulation, specification and characteristics of our products without notice. Recipients are advised to determine in advance the suitability of the material for their precise purposes and on the condition that they assume the risk of use thereof. No statement made herein shall be construed as a permission, inducement or authorisation given or implied to practise any patented invention without a valid licence.

Appropriate warnings and safe handling procedures should be provided to handlers and users.

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