

# Materials Safety Data Sheet.

**CFX - Effective Feb 2019.1**

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

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

Cleaner for concrete cutting, drilling or grinding equipment. Removal of thin unwanted layers of set concrete. CFX 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 the 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 may be 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

<b>Components</b>	<b>C.A.S. No.</b>	<b>Weight</b>
Phosphoric Acid	7664-383-2	15-50
Hydrochloric Acid		15-50
Surfactants and other ingredients deemed not to be hazardous	-	remainder

## 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 or milk 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

Not flammable under normal conditions of use.

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

**Extinguishing Media:** Water jet, water fog, fine 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.*

Personnel involved in cleanup will need eye protection.

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.

**Safe Storage:** Store in a cool, dry ventilated place, in closed original container.

Store away from oxidizing agents;

Keep containers closed at all times.

Protect container from physical damage.

Isolate from any source of heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:** An exposure standard has not been determined for this product

**Product Exposure Limits:** Not established

**General Precautions:** Good industrial hygiene should be followed

**Ventilation:** Ensure good general ventilation

**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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State/Color/Odor:** liquid/ blue /negligible

**pH, 5 %w/w:** 0-2

**Specific Gravity @ 20°C:** 0.99-1.03

**Flash Point:** > 100° C

**Decomposition temperature:** > 150° C

**Solubility in water:** Emulsifiable

**Viscosity :** 200 cPs max

## 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:** No data available for the product

**Bacterial Toxicity:** No data available for the product

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## 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 ADG 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	FI 100 J
POISONS SCHEDULE	SI
HAZCHEM	2X
UN PROPER SHIPPING NAME:	CORROSIVE LIQUID N.O.S

**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.  
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## 16. OTHER INFORMATION

Date of MSDS Øàì~ æ^ 201J

### 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.

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