

Materials Safety Data Sheet.

CFQ - Effective Feb 2019.1

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

Name of product	CFQ
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)	None allocated
Recommended intended purpose(s):	Lubricant for diamond tools when cutting, drilling or grinding.

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of NOHSC.

Discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Composition

This material is a proprietary blend.

All constituent chemicals are listed in the Australian Inventory of Chemical Substances.

Chemical entity	Proportion
Fatty acid soap	10-30%
Glycol ether	10-30%
Water	40-80%
Performance additives	<2.5%

CFQ is a concentrate which is normally diluted with 25 volumes of potable water before use, ie 40L of CFQ makes 1,000L of cutting lubricant.

4. FIRST AID MEASURES

Eyes

Wash eyes thoroughly with copious quantities of water for 15 minutes, Ensure irrigation under the eyelids by occasionally lifting the upper and lower lids away from the eyeball. As a precaution seek medical attention.

Skin

Remove contaminated clothing and wash skin well with water. If irritation develops seek medical attention.

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Ingestion

Do not induce vomiting. Immediately remove product from the mouth and rinse mouth out with plenty of water or milk. Then provide water slowly and as much as casualty can comfortably drink. If discomfort persists or symptoms develop, seek medical attention.

Inhalation

If inhalation of mists, fumes or vapours causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical attention.

Advice to Doctor;

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific hazards:

Does not present specific fire hazard

Keep away from sources of ignition. Ground all equipment to prevent static sparking.

May evolve carbon monoxide fumes if ignited.

Suitable extinguishing media:

Extinguish using water fog, dry chemical, carbon dioxide or foam. Water spray may be ineffective and is not recommended.

Fire Fighting:

Fire fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to decomposition by-products.

6. ACCIDENTAL RELEASE MEASURES

Spilled material may 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.

In case of large spills, contact the appropriate authorities.

This material is a prescribed waste and therefore compliance with all government regulations on waste disposal is required.

7. SAFE HANDLING AND STORAGE:

Handling Recommendations

Avoid skin and eye contact.

Wear overalls and gloves. Wear a face mask conforming to AS1716.

Use with adequate ventilation. Avoid breathing vapour, aerosol and mist; If use of diluted product generates mists or vapours face masks conforming to AS 1716 must be worn.

Avoid frequent or prolonged skin contact with fresh or used product. Keep container closed.

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Good working practises, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.

Storage Recommendations

Keep out of reach of children. Store in a cool dry place away from sources of ignition.

Store under cover away from heat. Product may freeze if stored below 0°C.

Store away from incompatible materials as described in Section 10 below.

Not defined by the Australian Code for Transport of Dangerous Goods by Road or Rail as a dangerous substance, therefore no precautionary signage required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Not established; Ensure good ventilation.

ASCC have a TWA= 308 mg/m³ for glycol ether.

Avoid, as far as reasonably practicable, inhalation of vapour, mists or fumes generated during use.

If vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level and face masks conforming to AS 1716 must be worn.

Protective Clothing

Wear face visor or goggles in circumstances where eye contact can accidentally occur. Change heavily contaminated clothing as soon as reasonably practicable and launder before re-use. Wash any contaminated underlying skin with water.

Respiratory Protection

Respiratory protection is advisable unless the concentration of vapour, mists or fumes is adequately controlled. The use of respiratory equipment must be in accordance with manufacturer's instructions and statutory requirements governing its selection and use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	medium viscosity liquid
Color:	straw yellow to light brown
Solubility in water:	disperses spontaneously in water
pH of a 5% solution:	10.5 – 11.2
Specific Gravity:	1.04 @20°C
Boiling Point(°C):	100°C
Flash Point:	N/A
Flammability Limits	N/A
Melting Point/Freezing Point:	approx -1°C
Vapor Pressure:	not measured

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10. STABILITY AND REACTIVITY

Chemical Stability:

Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use. Hazardous polymerisation reactions will not occur.

Conditions to Avoid:

Heat, flames, ignition sources, and incompatibles.

Incompatible Materials:

Incompatible with strong oxidising agents.

Hazardous Decomposition Products:

May evolve carbon monoxide and carbon dioxide fumes if ignited.

11. TOXICOLOGICAL INFORMATION

ACUTE AND CHRONIC HEALTH EFFECTS/ ROUTES OF EXPOSURE

No adverse health effects are expected if this product is handled according to the information contained in this material safety data sheet.

If over exposure does occur or material is mishandled, the following symptoms may occur:

Acute

Swallowed: may irritate the gastrointestinal system.

Eyes: may irritate eyes.

Skin: may irritate skin.

Inhaled: may cause irritation to nose and throat due to inhalation of mists.

Cronic: Long term exposure to high concentrations may cause skin irritation.

Toxicological Data:

LD50 (intravenous) Rat 808mg/kg (based on sodium oleate content)

12. ECOLOGICAL INFORMATION

Acquatic ecotoxicity: (based on sodium oleate content) 96hr LC50 fish >400mg/l

Terrestrial ecotoxicity: Not available

Mobility: Spillages may penetrate the soil causing ground water contamination.

Degradability: Readily Biodegradable according to the criteria of AS4351.5

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13. DISPOSABLE CONSIDERATIONS

General

Before disposal place material securely into sealed drums. Ensure packaging is of non-reactive material. Compliance with all applicable State and Local Government regulations on waste disposal is required. Dispose through a licensed waste contractor.

Disposal

CFQ diluted with water to end-use concentrations may be suitable for disposal to the sewer. Concentrate product is classified as a Category C prescribed industrial waste and is therefore is classified as low hazard. Category C waste can be taken to Class 2 best practice municipal landfill containment facilities according to EPA performance requirements.

Category

Designated waste category/ type code: SD230

14. TRANSPORT INFORMATION

Not defined by the Australian Code for Transport of Dangerous Goods by Road or Rail as a dangerous substance, therefore no precautionary signage required. Store away from incompatible materials as described in Section 10.

UN Number: none allocated

UN Proper Shipping name none allocated

Dangerous Goods Class: none allocated

HAZCHEM Code: none allocated

15. REGULATORY INFORMATION

SUSDP poisons schedule: none allocated

Not a hazardous substance using the Worksafe Australia criteria. Not classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.

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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.

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