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**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME : (CMC)  
FLOORSAFE COMMERCIAL MAINTENANCE CLEANER**

INFOSAFE NO: ZZ0HH

REVISED ISSUED: March 2011

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

UN NO.....1760	DG CLASS: 8	CAS NO....MIXTURE
HAZCHEM....2R	SUB RISK: NOT ALLOCATED	SUSDP.....S6 (FED)
G.T.EPG.....8A1	SPEC.EPG:NOT ALLOCATED	PACK.GRP: III

\*\*\*\*\* **PRODUCT IDENTIFICATION** \*\*\*\*\*

**CORRECT SHIPPING NAME:**  
CORROSIVE LIQUID, N.O.S (CONTAINS AMMONIUM BIFLUORIDE)  
**OTHER NAMES:**  
Floorsafe anti-slip cleaner.  
**TRADE NAME:**  
Floorsafe Commercial Maintenance Cleaner

**PRODUCT CODE: R-CMC**

**INGREDIENTS:**

CHEMICAL ENTITY:	CAS NO:	PROPORTION:
Ammonium Bifluoride	1341-49-7	3%
Nonionic Surfactants	68131-39-57	2.5%
Amphoteric Surfactant	61789-40-07	4%
Preservative		0.001%
Fragrance		0.001%
Colouring		0.00001%
Other ingredients determined to be non-hazardous		BALANCE

**PHYSICAL DESCRIPTION/PROPERTIES**

**APPEARANCE:**  
Blue coloured liquid  
**Boiling Point:** 100C  
**Vapour Pressure:** Not available  
**Specific Gravity:** 1.07  
**Flash point:** Non-flammable  
**Flammability Limits:**Not applicable  
**ph:** 5

**OTHER PROPERTIES:**  
Solubility in water (g/l) : 100%

**USE:**

Maintenance cleaning solution for cleaning hard floor surfaces especially those treated with a Floorsafe anti-slip system treatment

\*\*\*\*\* **HEALTH HAZARD INFORMATION** \*\*\*\*\*

**ACUTE EFFECTS**

**SWALLOWED:**  
Toxic if swallowed. Ingestion causes burning, abdominal pain, vomiting and diarrhea.

**EYE:**  
Will cause moderate to severe irritation to eyes.

**SKIN:**  
May cause irritation or burning to the skin after prolonged contact.

**INHALED:**  
May cause irritation to the respiratory system at elevated concentrations.

**CHRONIC EFFECTS:**  
Prolonged contact with skin by the undiluted product will cause severe irritation and a burning sensation that will be delayed for several hours.



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**FIRST AID**

**SWALLOWED:**

Rinse mouth with water. Do not induce vomiting. Give water to drink. Seek immediate medical advice.

**EYE:**

Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. Seek medical attention.

**SKIN:**

Remove heavily contaminated clothing. Wash affected area with copious quantities of water for at least 15 minutes. If irritation develops seek medical attention.

**INHALED:**

Remove victim from exposure. Allow patient to assume most comfortable position. Keep warm and at rest until fully recovered. If breathing has stopped apply artificial respiration immediately. Seek medical advice.

**PRODUCT: FLOORSAFE COMMERCIAL MAINTENANCE CLEANER**

**FIRST AID FACILITIES:**

Eyewash station and normal washroom facilities.

**ADVICE TO DOCTOR:**

Treat symptomatically and as for exposure to corrosive acids.

\*\*\*\*\* PRECAUTIONS FOR USE \*\*\*\*\*

**EXPOSURE STANDARDS:**

No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).

Keep exposures as low as practicable.

**ENGINEERING CONTROLS:**

In very confined spaces have sufficient ventilation.

**PERSONAL PROTECTION:**

Wear rubber gloves, waterproof footwear and eye protection. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

**FLAMMABILITY:**

Non-flammable.

**WASTE SOLUTION:**

Water Corporation advises that waste solution may cause damage to metal waste pipes and concrete pits.

\*\*\*\*\* SAFE HANDLING INFORMATION \*\*\*\*\*

**STORAGE AND TRANSPORT:**

Store in cool place in sealed plastic containers. Store in a well-ventilated area. Store away from oxidizing agents and foodstuffs. Store away from sources of heat. Keep containers closed when not in use.

Classified as a Class 8 (CORROSIVE) Dangerous Substance for the purpose of transport. Refer to the relevant regulations for storage and transport requirements.

Not to be loaded with explosives (class 1), dangerous when wet substances (class 4.3), oxidizing agents (class 5.1), organic peroxides (class 5.2), poisonous substances (class 6), radioactive substances (class 7) and foodstuff empties, however exemptions may apply.

This material is a schedule Poison (S6) and must be used, stored and maintained in accordance with the relevant regulations.



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**PACKAGING AND LABELLING:**

**HAZARD CATEGORY – TOXIC, CORROSIVE.**

**RISK PHRASES:**

- R25: Toxic if swallowed.  
R34: Prolonged contact with skin may cause burns.  
R41: Risk of serious damage to eyes.

**SAFETY PHRASES:**

- S2: Keep out of reach of children.  
S26: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.  
S37: Wear suitable gloves.  
S45: In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately (show label where possible).

**SPILLS AND DISPOSAL:**

Wear protective equipment to prevent skin and eye contamination consisting of rubber gloves and safety goggles. Contain large spills with an inert material such as sand or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. Wash down area with excess water. Neutralise if disposing down storm water drains.

**FIRE/EXPLOSION HAZARD:**

Non-flammable liquid.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

If involved in a fire, highly toxic fumes will be evolved.

**SPECIAL FIRE-FIGHTING PROCEDURES:**

Fire fighters to wear self contained breathing apparatus and protective equipment. If safe to do so remove containers from path of fire.

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.

**Reactive Data:**

Do not mix with acids, bleaches or other cleaning solutions. Do not splash onto metal surfaces. If splashing occurs rinse with water and wipe clean.