



## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

PRODUCT NAME: CEMIX CONCRETE DISSOLVER  
RECOMMENDED USE: REMOVE HARDENED CONCRETE FROM TOOLS, EQUIPMENT ETC.  
SUPPLIER: CEMIX LIMITED  
ADDRESS: 19 ALFRED STREET ONEHUNGA, AUCKLAND, NEW ZEALAND.  
TELEPHONE: 64 9 636 1000  
FACSIMILE: 64 9 636 0000

## 2. HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

Non Hazardous Substance.  
Non Dangerous goods.

CLASS	NOT APPLICABLE
SUBSIDIARY RISK	NOT APPLICABLE
PACKING GROUP	NOT APPLICABLE
POISON SCHEDULE	None

RISK	SAFETY
Irritating to eyes and skin	Clean all area where this is applied with copious amounts of water If swallowed IMMEDIATELY contact the doctor/poisons info centre Please take this MSDS along with you.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CAS NUMBER	PROPOTION
Proprietary organic acid		15 – 35 %
WATER & NON HAZARDOUS INGREDIENTS		BALANCE

## 4. FIRST AID

**INGESTION** : IF SWALLOWED AND PATIENT IS CONSCIOUS, WASH OUT MOUTH THOROUGHLY WITH WATER. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PATIENT. SEEK MEDICAL ATTENTION IMMEDIATELY.

**EYE** : IMMEDIATELY FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. ENSURE ADEQUATE FLUSHING BY SEPARATING EYELIDS WITH FINGERS. SEEK IMMEDIATE MEDICAL ATTENTION IF IRRITATION CONTINUES.

**SKIN** : WASH THOROUGHLY WITH SOAPY WATER AND RINSE WITH FRESH WATER. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR AND WASH BEFORE REUSE OR STORAGE. SEEK MEDICAL ATTENTION IF IRRITATION OR DISCOMFORT OCCURS.

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The above info is based on our best knowledge and we believe it to be true and correct. However due to the variable nature of application, the suitability of the product for the use intended is the sole responsibility of the user  
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**CEMIX LIMITED** 19 Alfred Street Onehunga, Auckland, New Zealand.

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**INHALATION** : Seek medical advice if fumes are inhaled and discomfort occurs

**FIRST AID FACILITIES** : EYEWASH AND SAFETY SHOWER SHOULD BE AVAILABLE IN WORKPLACE.

**ADVICE TO DOCTOR** : TREAT SYMPTOMATICALLY.

## **5. FIRE FIGHTING MEASURES**

**FIRE/EXPLOSION HAZARD**: PRODUCT ITSELF IS NOT FLAMMABLE.  
DURING FIRE SMOKE MAY CONTAIN ORIGINAL MATERIAL AND TOXIC IRRITATING COMBUSTION PRODUCTS OF VARIOUS COMPOSITION INCLUDING CO AND CO2 .

**EXTINGUISHING MEDIA** : WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR APPROPRIATE FOAM ACCORDING TO SURROUNDING FIRE.

**DECOMPOSITION PRODUCTS**: COMBUSTION PRODUCTS Will INCLUDE TOXIC FUMES OF CO2.

**FIRE INCOMPATIBILITY** : None Known

**HAZCHEM** : None

## **6. ACCIDENTAL RELEASE MEASURES**

### **EMERGENCY AREAS**

**SPILLS AND DISPOSAL**: SPILLS MAY BE SLIPPERY AND SHOULD BE CLEANED IMMEDIATELY.  
IN CASE OF A SPILL OR LEAKAGE SOAK UP WITH ABSORBENT MATERIAL SUCH AS SAND , SAW DUST ETC.

ENSURE PROTECTIVE OVERALLS, GLOVES AND SAFETY GOGGLES ARE WORN BY CLEANUP PERSONNEL. AVOID BREATHING VAPOURS. CONTAIN SPILLAGE AND AVOID ENTRY INTO DRAINS AND WATERWAYS. COLLECT SPILLAGE INTO APPROPRIATELY LABELED CONTAINERS FOR STORAGE AWAITING REUSE OR DISPOSAL VIA THE LOCAL WASTE FACILITY AS PER THE REQUIREMENTS OF GOVERNMENT LEGISLATION. THOROUGHLY WASH THE SPILLAGE AREA WITH WATER TO COMPLETE.

## **7.HANDLING AND TRANSPORT**

**SAFE HANDLING**:ENSURE ALL CONTAINERS ARE PROPERLY LABELLED& CLOSED WHEN NOT IN USE.

**INFORMATION STORE** IN A COOL, DRY AND WELL VENTILATED AREA.

**PRECAUTIONS FOR USE** : ONLY TO BE USED AS PER RECOMMENDED USE.

## **8.EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**EXPOSURE STANDARDS** : NOT DETERMINED.

**PERSONAL PROTECTION** : WEAR GLOVES, SAFETY FOOTWEAR AND SAFETY GOGGLES WHEN HANDLING THE PRODUCT. AVOID SKIN AND EYE CONTACT AS WELL AS INHALATION. ALWAYS WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING THE TOILET. WASH ANY CONTAMINATED CLOTHING OR PROTECTIVE EQUIPMENT BEFORE REUSE OR STORAGE

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE** : GREEN MILDLY ACIDIC LIQUID  
MIXES WITH WATER

**SPECIFIC GRAVITY** : APPROX. 1.06 – 1.10  
**BOILING TEMP** : 100 DEG C  
**PH** : 1.8

## **10. STABILITY**

**STABILITY / POLYMERISATION**: STABLE UNDER NORMAL STORAGE CONDITIONS.

**INCOMPATIBLE MATERIALS** : NO PARTICULAR ISSUES.

## **11. TOXICOLOGICAL INFORMATION**

NO ADVERSE HEALTH EFFECTS ARE EXPECTED IF THE PRODUCT IS HANDLED IN ACCORDANCE WITH THIS SAFETY DATA SHEET AND THE PRODUCT LABEL. SYMPTOMS THAT MAY ARISE IF THE PRODUCT IS MISHANDLED ARE:-

**TOXICOLOGY**: NO PRODUCT SPECIFIC DATA AVAILABLE.

### **ACUTE EFFECTS:**

**INGESTION** : SWALLOWING THIS MATERIAL MAY CAUSE ABDOMINAL DISCOMFORT, PAIN AND VOMITING. MAY CAUSE SPONTANEOUS HAEMORRHAGING, PRODUCTION OF BLOOD CLOTS, GASTROINTESTINAL DAMAGE AND NARROWING OF OESOPHAGUS AND STOMACH ENTRY.

**EYE** : SEVERELY IRRITATING TO THE EYES CAUSING INFLAMMATION AND MECHANICAL DAMAGE MAY OCCUR. WILL CAUSE PAIN AND PROLONGED EXPOSURE MAY PRODUCE CONJUNCTIVITIS.

**SKIN** : MAY CAUSE SKIN IRRITATION AND INFLAMMATION WITH PROLONGED CONTACT AND MAY ACCENTUATE PRE EXISTING DERMATITIS CONDITION. ENTRY INTO BLOOD STREAM THROUGH CUTS, ABRASIONS OR LESIONS MAY PRODUCE SYSTEMIC INJURY WITH HARMFUL AFFECTS.  
**INHALED**: VAPOUR IS DISCOMFORTING AND MAY AGGRAVATE EXISTING RESPIRATORY PROBLEMS LIKE ASTHMA, BRONCHITIS ETC.

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## **12. ECOLOGICAL INFORMATION**

BIODEGRADABLE

## **13. DISPOSAL CONSIDERATIONS**

DISPOSE OF THE PRODUCT AS PER LOCAL GOVERNMENT REGULATIONS. ENSURE CONTAINERS ARE EFFECTIVELY CLEARED OF PRODUCT AND DISPOSED OF ACCORDING TO LOCAL AUTHORITY REQUIREMENTS.

## **14. TRANSPORT INFORMATION**

IS NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS CODE (ADG CODE) FOR TRANSPORT BY ROAD AND RAIL.  
HAZCHEM : NONE

UN NUMBER : NOT APPLICABLE  
PROPER SHIPPING NAME : NOT APPLICABLE  
CLASS : NOT APPLICABLE  
SUBSIDIARY RISK : NOT APPLICABLE  
PACKING GROUP : NOT APPLICABLE  
HAZCHEM CODE : NOT APPLICABLE  
SEGREGATION DANGEROUS GOODS: NOT APPLICABLE

## **15. REGULATORY INFORMATION**

POISON SCHEDULE : NOT SCHEDULED

## **16. OTHER INFORMATION**

DATE OF PREPARATION : 16<sup>TH</sup> AUGUST 2010

REVISION NUMBER : 1

REASON FOR ISSUE : NEW MSDS THIS DATA SHEET AND THE HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION IT CONTAINS HAS BEEN PREPARED BY CEMIX LTD ACCORDING TO CURRENT REGULATORY REQUIREMENTS AS AT DATE OF ISSUE. THE PRECAUTIONS AND ADVICE PROVIDED MAY NOT BE ACCURATE FOR ALL INDIVIDUALS AND/OR SITUATIONS. IT IS THE USER'S OBLIGATION TO EVALUATE AND USE THIS PRODUCT SAFELY AND COMPLY WITH ALL APPLICABLE LEGISLATION.

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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