



1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

PRODUCT NAME: CEMKEY CONCENTRATE
RECOMMENDED USE: GENERAL PURPOSE WATER BASED BONDING AGENT AND CONCRETE MODIFIER
SUPPLIER: CEMIX LIMITED
ADDRESS: 19 ALFRED STREET ONEHUNGA, AUCKLAND, NEW ZEALAND.
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2. HAZARDS IDENTIFICATION

HAZARD CATEGORY: IRRITANT
RISK PHRASES:
R36- IRRITATING TO EYES
R38- IRRITATING TO SKIN
R 52- HARMFULL TO AQUATIC ORGANISMS

SAFETY PHRASES:
S24- AVOID CONTACT WITH SKIN
S 25 -AVOID CONTACT WITH EYES
S36- WEAR SUITABLE PROTECTIVE CLOTHING
S37- WEAR SUITABLE GLOVES
S39- WEAR EYE / FACE PROTECTION.

CLASS: NOT APPLICABLE
SUBSIDIARY RISK: NOT APPLICABLE
PACKING GROUP: NOT APPLICABLE
POISON SCHEDULE: NOT APPLICABLE

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CAS NUMBER	PROPOTION
DIBUTYL PHTHALATE	84-74-2	50 - 60%
WATER		40 -50 %

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 IF IRRITATION OR DISCOMFORT OCCURS.

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.

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

CEMIX LIMITED 19 Alfred Street Onehunga, Auckland, New Zealand.

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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.

INHALATION : NOT APPLICABLE

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

5. FIRE FIGHTING MEASURES

FIRE/EXPLOSION HAZARD: PRODUCT ITSELF IS NOT FLAMMABLE.

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

6. ACCIDENTAL RELEASE MEASURES

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. 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 STORAGE

SAFE HANDLING INFORMATION : ENSURE ALL CONTAINERS ARE SEALED WHEN NOT IN USE. STORE IN A COOL, DRY AREA.

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection Requirements:

WEAR CHEMICAL SPLASH GOGGLES OR FACE SHIELDS TO PREVENT CONTACT WITH EYES.

Skin Protection Requirements:

WEAR CHEMICAL RESISTANT GLOVES, OVERALLS AND RESPIRATOR AS NECESSARY TO PREVENT CONTACT

WITH SKIN. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Additional Protective Measures:

EMERGENCY SHOWERS AND EYE WASH SOLUTIONS SHOULD BE IMMEDIATELY AVAILABLE.

HANDLERS SHOULD WASH THEIR HANDS AND FACE BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS. WASH ANY CONTAMINATED CLOTHING OR PROTECTIVE EQUIPMENT BEFORE REUSE OR STORAGE

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : MILKY WHITE LIQUID.

SPECIFIC GRAVITY : APPROX. 1.10 – 1.12

VAPOUR PRESSURE : NOT APPLICABLE

pH : 4.5 – 5.0

BOILING POINT : APPROXIMATELY 100°C

MELTING POINT : NOT APPLICABLE

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SOLUBILITY : MISCIBLE
FLASH POINT : NOT APPLICABLE
FLAMMABILITY LIMITS : NOT FLAMMABLE

10. STABILITY AND REACTIVITY

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 MATERIAL SAFETY DATA SHEET AND THE PRODUCT LABEL. SYMPTOMS THAT MAY ARISE IF THE PRODUCT IS MISHANDLED ARE:-

ACUTE EFFECTS:

INGESTION : SWALLOWING THIS MATERIAL MAY CAUSE ABDOMINAL DISCOMFORT.
EYE : IRRITATING TO THE EYES AND MECHANICAL DAMAGE MAY OCCUR.
SKIN : MAY CAUSE SKIN IRRITATION WITH PROLONGED CONTACT.
TOXICOLOGY: NO PRODUCT SPECIFIC DATA AVAILABLE.

12. ECOLOGICAL INFORMATION

DO NOT ALLOW TO ENTER WASTE WATER DRAIN, WATERWAYS OR SOIL.

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

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

HSNO CLASSIFICATIONS:

6.1E(ORAL) – ACUTELY TOXIC
6.3A – IRRITATING TO THE SKIN
6.4A – IRRITATING TO THE EYE
9.1D - SLIGHTLY HARMFUL IN THE AQUATIC ENVIRONMENT

16. OTHER INFORMATION

DATE OF PREPARATION : 10 MARCH 2009
REVISION NUMBER : 2

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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.

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