



**FOR POISONS ADVICE PHONE 0800 764766, FOR RESPIRATORY OR OTHER IMMEDIATE REACTIONS CALL 111**

## IDENTIFICATION

<b>PRODUCT NAME:</b>	<b>Ready Mixed Concrete</b> ( <i>this data sheet is for standard concrete types, specialist concretes with additional additives may not be covered in this MDS</i> )
<b>OTHER NAMES:</b>	<b>Concrete, Pump Mix Concrete, Block Fill Concrete, Exposed Aggregate Concrete, Spray Mix Concrete, Shotcrete, No Fines Concrete, Kerb Mix Concrete</b>
<b>SUPPLIER/ MANUFACTURER:</b>	<b>Counties Ready Mix Ltd</b>
<b>PRODUCT USE:</b>	<b>Construction / building material</b>

## PHYSICAL DESCRIPTION / PROPERTIES

<b>APPEARANCE:</b>	<b>Grey liquid (plastic state) Light grey (hardened state)</b>
<b>BOILING POINT:</b>	<b>Not relevant</b>
<b>VAPOUR PRESSURE:</b>	<b>Not relevant</b>
<b>SPECIFIC GRAVITY:</b>	<b>Approx 2300-2400kg/m<sup>3</sup></b>
<b>FLASHPOINT:</b>	<b>Non flammable</b>
<b>MELTING POINT:</b>	<b>Not relevant</b>
<b>EXPLOSION LIMITS:</b>	<b>Non explosive</b>
<b>PH VALUE:</b>	<b>&gt;12.0</b>

## COMPOSITION

<b>PORTLAND CEMENT:</b>	<b>5%-25%</b>
<b>AGGREGATES</b>	<b>50%-90%</b>
<b>CHEMICAL ADDITIVES:</b>	<b>0%-2%</b>

## HEALTH EFFECTS

*Ready Mixed Concrete is highly alkaline and will burn skin and cause rapid drying of the skin causing minor irritation to serious burns. Handling of hardened concrete may cause dust which may be inhaled causing respiratory problems.*

<b>SWALLOWED:</b>	<b>Irritating to gastrointestinal tract</b>
<b>EYES:</b>	<b>Irritating and abrasive to eyes</b>
<b>SKIN:</b>	<b>Will burn &amp; dry out skin causing irritation or burns (plastic state)</b>
<b>INHALED:</b>	<b>Will cause irritation to respiratory tract, long term exposure to concrete dust could cause chronic respiratory disease such as bronchitis or cancer</b>

## FIRST AID PROCEDURES:

<b>SWALLOWED:</b>	<b>Do not induce vomiting, Drink water or milk, seek medical attention.</b>
<b>EYE CONTACT:</b>	<b>Flush eyes including under eye lids with plenty of water for 15 Min. If irritation continues seek medical attention</b>
<b>SKIN CONTACT:</b>	<b>Remove any clothing contaminated with concrete. Rinse with plenty of soapy water, if a rash or irritation continues seek medical attention.</b>
<b>INHALATION:</b>	<b>Ensure area is well ventilated, remove restrictive clothing, Thoroughly vacate nasal and throat passages, rinse nasal and throat passages with water and expel. If irritation persists seek medical attention.</b>

## PRECAUTIONS FOR USE

### READY MIXED CONCRETE IN THE PLASTIC STATE:

Avoid skin contact, wear waterproof boots, avoid skin contact, wear eye protection to avoid eye contact, wear waterproof gloves.

### READY MIXED CONCRETE IN THE HARDENED STATE:

Avoid creating excessive dust, well ventilate the workspace, dampen dust with water or sprinklers. Wear respiratory and eye protection.

## STORAGE AND HANDLING

### SPILLS & DISPOSAL

Do not dilute or attempt to clean spills with water. Ready mixed concrete has a high PH value and is harmful to marine life and vegetation if allowed to enter waterways or sewers. Emergency procedures are not required. Small spills may be disposed as common waste, large spills may require specialised equipment such as road sweepers.

## RELATED INFORMATION

### Refer to

“The Health and Safety in Employment Act 1992”  
Local council bylaws and regulations

## ADVICE NOTE:

*The information contained in this Material Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply.*