MATERIAL SAFETY DATA SHEET

READY MIXED CONCRETE COMPANY

6200 Cornhusker Highway
Lincoln, NE 68529

Emergency Phone: 402-434-1844

PRODUCT NAME:	•	Freshly mixed unhardened concrete			
CHEMICAL NAME:	•	Same as above			
CHEMICAL FAMILY:	•	Calcium Salts			
FORMULA:	•	Mixtures of Portland or blended cements, concrete aggregates and chemical admixtures.			
		Portland and Blended Cements:	CaS0 ₄ .2H ₂ 0	(CAS # 12168-85-3) (CAS # 10034-77-2) (CAS # 23042-78-3) (CAS # 12068-34-8) (CAS # 7778-18-9) Mg0, K ₂ s0 ₄ , and Na ₂ S0 ₄	
	•	Concrete Aggregates:	Inert gravel, sand and rocks.		
	•	Admixtures:	May include fly ash, granulated slag and very small amounts of organic and inorganic materials which have no effect on the hazards associated with the use of the product.		
PHYSICAL/CHEMICAL CHARACTERISTICS:	•	Gray, plastic, flowable, granular mud, and odorless			
PHYSICAL HAZARDS:	•	Acute wet plastic, unhardened concrete, can dry the skin and cause alkali burns (cementdermatitis). (Cement may contain traces of hexavalent chromium.) Flammability – none Solubility in water – slight $(0.1 - 1\%)$ Specific Gravity $(H_20 = 1)$			
HEALTH HAZARDS:	•	Signs and symptoms of exposure – dried skin – alkali burns (dermatitis) Medical conditions aggravated by exposure Infection – remove from exposure those individuals who develop sensitivity to chromate			

ROUTE OF ENTRY:	Skin contact or absorption			
AIR EXPOSURE LIMIT(S):	 Maximum 50 m ppcf per yard Stability unstable, product sets and hardens in 2 to 8 hours and is no longer hazardous Hazardous polymerization will not occur 			
CARCINOGENCITY:	■ None			
SPILLAGE:	 Does not increase hazard, material can be retained until it hardens when it can be disposed of as common waste. Avoid direct or indirect contact with freshly mixed ready mixed concrete. 			
CONTROL MEASURES:	 Personal protective equipment – use barrier creams, wear tight fitting goggles. When concrete may splash, wear rubber boots high enough to prevent concrete from flowing into them, waterproof gloves, long sleeved shirt, water resistant clothing. Remove saturated clothing or shoes and rinse with running water until soapy feeling disappears. QUICK METHOD – rinse with water, then rinse with diluted vinegar, rinse again with water. If irritation persists, seek prompt medical attention. 			
EMERGENCY AND FIRST AID PROCEDURE:	 Avoid contact with skin, either directly or indirectly or through saturated clothing or shoes. Wash affected areas promptly with soap and water. Failure to do so may cause skin irritation or first second or third degree burns. If redness or irritation persists, seek prompt medical attention. If any west concrete comes into contact with the eye, rinse immediately with water for 15 minutes and seek prompt medical attention. 			

Ready Mixed Concrete Company believes the data contained herein as factual and the opinions expressed are those of qualified individuals. The data is offered for your consideration, investigation and verification.