

# Safety Data

Synonyms: Ready Mix Concrete, Portland Cement Concrete, Concrete

Product Use: Concrete is widely used as a structural component in

Manufacturer: Dolese Bros. Co.  
20 N.W. 13

Oklahoma City, OK 73103  
Phone: 405 235 2311  
[www.dolese.com](http://www.dolese.com)

## Section 2: Hazards Identification

### GHS LABEL ELEMENTS

Symbol(s)

### Signal Word

Danger

### Hazard Statements

Harmful if swallowed.

Harmful in contact with skin.

Causes severe skin burns and

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Ready Mix Concrete, Freshly Mixed Unhardened Concrete

## Component Information/Information on Non Hazardous Components

### General Product Information

Trace Elements: Ready Mix concrete is made from materials mined from the earth. Trace amounts of naturally occurring elements might be detected during chemical analysis of these materials.

## Section 4: First Aid Measures

### First Aid: Eyes

Immediately flush eyes thoroughly with water. Continue flushing eye for at least 15 minutes, including under eye lids, to remove all particles. Call physician if irritation persists.

### First Aid: Skin

Wash skin with cool water and pH neutral soap or a mild detergent intended for use on skin. Seek medical treatment if irritation is caused by prolonged exposure to wet concrete, liquids from wet concrete products, or prolonged wet skin exposure to the dry ingredients in Ready Mix concrete.

### First Aid: Ingestion

Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

### First Aid: Inhalation

Remove to fresh air. Seek medical help if coughing and other symptoms do not subside. (Inhalation of gross amounts of the dry ingredients in Ready Mix concrete requires immediate medical attention.)

## Section 5: Fire Fighting Measures

### General Fire Hazards

See Section 9 for Flammability Properties.

Non combustible.

### Hazardous Combustion Products

None

### Extinguishing Media

Use appropriate extinguishing media for surrounding fire.

### Unsuitable Extinguishing Media

None

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

## Section 6: Accidental Release Measures

### Recovery and Neutralization

Stop

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### Potential Health Effects: Skin Corrosion Property/Stimulativeness

Discomfort or pain cannot be relied upon to alert a person to a hazardous skin exposure. Consequently, the only effective means of avoiding skin injury or illness involves minimizing skin contact, particularly contact with wet concrete. Exposed persons may not feel discomfort until hours after the exposure has ended and significant injury has occurred. Exposure during the handling or mixing of the dry ingredients in Ready Mix concrete may cause drying of the skin with consequent mild irritation or more significant effects attributable to aggravation of other conditions. Exposure to wet concrete may cause more severe skin effects including thickening, cracking or fissuring of the skin. Prolonged exposure can cause severe skin damage in the form of (caustic) chemical burns.

### Potential Health Effects: Eye Critical Damage/ Stimulativeness

Exposure to airborne dust during the sawing of hardened concrete or handling/mixing of the dry ingredients in Ready Mix concrete may cause immediate or delayed irritation or inflammation. Eye contact by splashes of wet concrete may cause effects ranging from moderate eye irritation to chemical burns. Such exposures require immediate first aid (see Section 4) and medical attention to prevent significant damage to the eye.

### Potential Health Effects: Ingestion

Although inadvertent ingestion of small quantities of wet concrete or its dry ingredients are not known to be harmful, accidental ingestion of larger quantities can be harmful and requires immediate medical attention.

### Potential Health Effects: Inhalation

The ingredients in Ready Mix concrete contain crystalline silica. Exposure to these ingredients in excess of the applicable TLV or PEL aggravation and larger combined than the TLV or PEL of exposure to larger hardened

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## Section 13: Disposal Considerations

### Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 14: Transportation Information

This product is not classified as a Hazardous Material under U.S. DOT regulations.

## Section 15: Regulatory Information

**OSHA/MSHA Hazard Communication:** This product is considered by OSHA/MSHA to be a hazardous chemical and should be included in the employer's hazard communication program.

**CERCLA/SUPERFUND:** This product is not listed as a CERCLA hazardous substance.

Seek information from appropriate regulatory agencies.

## Section 16: Other Information

### Abbreviations:

|       |   |       |   |
|-------|---|-------|---|
| >     | Greater than  | NA    | Not Applicable  |
| ACGIH | American Conference of Governmental Industrial Hygienists | NFPA  | National Fire Protection Association                  |
| CFR   | Code for Federal Regulations                              | NIOSH | National Institute for Occupational Safety and Health |
| DOT   | U.S. Department of Transportation                         | NTP   | National Toxicology Program                           |
| HMIS  | Hazardous Materials Identification System                 | OSHA  | Occupational Safety and Health Administration         |
| IARC  | International Agency for Research on Cancer               | PEL   | Permissible Exposure Limit                            |
| MSHA  | Mine Safety and Health Administration                     | pH    | Negative log of                                       |