

Safety Data

Synonyms: Ready Mix Concrete, Portland Cement Concrete, Concrete

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

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Oklahoma City, OK 73103

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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

Safety Data Sheet

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

Safety Data Sheet

Ready Mix Concrete, Freshly Mixed Unhardened Concrete

Safety Data Sheet

Ready Mix Concrete, Freshly Mixed Unhardened Concrete

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 concentrations of these ingredients in Ready Mix concrete, larger quantities of hardened

Safety Data Sheet

Ready Mix Concrete, Freshly Mixed Unhardened Concrete

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