

### 1. Identification & Company Identification

**Product Name:**

Concrete Dobies

**Company:**

Western States Wholesale  
1420 S. Bon View, Ontario, CA 91761

**Product Description:**

Grey cubes, formed concrete

**Emergency phone:**

(800) 325-6851

**Recommended Use:**

Dobies are used to hold reinforcing steel or rebar when you are pouring concrete. The dobies are made using a 4000 psi concrete mix.

**Restrictions on Use**

Under normal handling and use, formed concrete presents few health hazards. Cutting, crushing, or breaking may produce fumes or dust which could be inhaled and be potentially hazardous.

\* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of Western States Wholesale. published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in Western States Wholesale. Sales Agreement.

### 2. Hazard(s) Identification

**Carcinogenicity:**

NTP- Yes      IARC Monographs- Yes      OSHA Regulated- No

This product itself is not regulated but it contains small amount of naturally occurring crystalline silica. IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemical to humans (volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC Class 2A.

**Irritants:**

**Eye Contact:**

May cause irritation.

**Skin Contact:**

May cause irritation.

**Inhalation:**

Causes irritation.

**Ingestion:**

No hazards known or suspected.

**Potential Health Effects:**

**Acute:** Portland Cement can dry the skin and cause alkali burns. Dust can irritate the eyes and upper respiratory system.

**Chronic:** Dust can cause inflammation of interior of nose and eyes. Prolonged exposure to dust over the TLV may cause scarring of lungs, and delayed lung injury (silicosis).

### 3. Composition/Information on Ingredients

Substance Name	Total Dust	Respirable Dust
Portland Cement (CAS# 65997-15-1) – approx. 0% to 25% by weight		
ACGIH TLV	10 mg/m3	
OSHA PEL	15 mg/m3	5 mg/m3
OSHA PEL		50 mppcf
Cal/OSHA PEL	10 mg/m3	5 mg/m3
Gypsum (CAS# 13397-24-5) – approx. 5% to 7% by weight		
ACGIH TLV	10 mg/m3	
OSHA PEL	15 mg/m3	5 mg/m3
Cal/OSHA PEL	10 mg/m3	5 mg/m3

Substance Name	Total Dust	Respirable Dust
Limestone (CAS# 1317-65-3) – approx. 0% to 25% by weight		
ACGIH TLV	10 mg/m3	
OSHA PEL	15 mg/m3	5 mg/m3
Cal/OSHA PEL	10 mg/m3	5 mg/m3
Crystalline Silica (CAS# 14808-60-7) – approx. 0% to 0.3% by weight		
ACGIH TLV		0.1 mg/m3
OSHA PEL	50 M particles/ft2	8 hour total work exposure
OSHA PEL	10 mg/m3	8 hour total work exposure
OSHA PEL	5 mg/m3	8 hour total work exposure
Cal/OSHA PEL	0.3 mg/m3	0.1 mg/m3
Crushed Rock* or Construction Aggregate* (CAS# none) – approx. 75% to 100% by weight		
ACGIH TLV		0.1 mg/m3
OSHA PEL	30 mg/m3	10 mg/m3
MSHA PEL	30 mg/m3	10 mg/m3

\* Typically contains quartz (crystalline silica) – see above.

#### 4. First-Aid Measures

**Ingestion:**

If ingested in large quantities, contact physician for permission to induce vomiting.

**Inhalation:**

Move subject to fresh air. Rinse mouth & nasal passages with fresh water. If irritation persists, seek medical attention.

**Skin Contact:**

Rinse with water. If irritation persists, seek medical attention.

**Eye Contact:**

Remove contact lenses. Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

**Notes to Physician:**

King Kon-Crete has no additives or materials that require special treatment.

#### 5. Fire-Fighting Measures

Product is not considered flammable or combustible.

**Flash Point (°F):**

N/A

**Fire Extinguishing Media:**

N/A

**Flammable Limits (Vapor in Air, Vol. %):**

N/A

**Unusual Fire & Explosion Hazards:**

None

#### 6. Accidental Release Measures

**Personal precautions:**

Eliminate exposure to dust, use OSHA approved mask for silica dust, if freshly mixed mortar gets into eyes or contacts skin - flush immediately and repeatedly with water and contact physician immediately.

**Environmental Hazards:**

No known adverse effects.

**Spillage:**

Collect spills using dustless method, material can be returned to container for later use, wear OSHA approved respirator for silica dust when cleaning area.

**Waste Disposal Method:**

Landfill according to local, State & Federal regulations.

### 7. Handling and Storage

**Storage:**

Keep container closed when not in use. Protect containers from abuse; store in a cool, dry area.

**Handling**

No special measures necessary provided product is used correctly.

Keep out of reach of children.

### 8. Exposure Controls/personal Protection

**OSHA Permissible Exposure Limit (or ACGIH):**

Values have not been established.

**Recommended Threshold Limit:**

Ceiling Limit = 15 mg/m<sup>3</sup> Total Dust 5 mg/m<sup>3</sup> Respirable Fraction

**Exposure Analysis Methods: Respirable Sampler or Midget Impinger see:**

J. Am. Ind. Hyg. Assoc., 28:554 (1967)

**Respiratory Protection:**

Use NIOSH approved dust mask or respirator where dust occurs. Refer to 29 CFR 1910.134 or European Standard EN 149 for regulations.

**Gloves:**

Plastic, rubber or cotton.

**Eye Protection:**

Safety glasses or chemical goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

**Other Protective Equipment:**

Boots that are impervious to water to eliminate foot and ankle exposure

**Personal Hygiene:**

Avoid breathing dust.

**Engineering Control:**

Use with adequate ventilation.

### 9. Physical and Chemical Properties

Appearance: Gray Powder

Vapor Density: NA

Odor: No distinct odor

Boiling Point: NA

Physical State: Solid (powder)

Melting Point: NA

PH (in water) (ASTM D 1293-95): 12 to 13

Specific Gravity (H<sub>2</sub>O = 1.0): 3.15

Solubility in water: Slightly soluble

Evaporation Rate: NA

Vapor Pressure: NA

### 10. Stability and Reactivity

**Stability:**

Stable

**Conditions to Avoid:**

N/A

**Incompatibility (Materials to Avoid):**

Wet portland cement is alkaline. As such it is incompatible with acids, ammonium salts, and aluminum metal.

**Hazardous Decomposition Products:**

Will not spontaneously occur. Adding water results in hydration and produces (caustic) calcium hydroxide.

**NFPA Hazard Ratings:**

Health Hazard: 1    Flammability Hazard: 0  
Reactivity: 0                      Special Hazard: None

### 11. Toxicological Information

Calcium Carbonate CAS-1317-65-3; Calcium Hydroxide CAS-1305-62-0;  
Portland Cement CAS-65977-15-1; Silica Sand CAS-14808-60-7

### 12. Ecological Information

No data available. None of the ingredients are classified as a Marine Pollutant.

### 13. Disposal Considerations

Dispose of in accordance with Local, State and Federal Regulations. Product is classified as nonhazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state or Federal Environmental Protection Agency before disposing of any chemicals. According to the European Waste Catalogue, waste codes are application-specific and should be assigned by the user based on the application for which the product is used.

### 14. Transport Information

**DOT Shipping Name: Non-Hazardous for Transport****DOT Hazard Class: Not Regulated****UN/NA ID No.: None****UN TDG Class: Not Regulated****Hazard Id No. (HIN): None****IMDG Hazard Class: Not Regulated****IATA Hazard Class: Not Regulated****RID/ADR Code: Not Regulated****Label: None Required****Hazard Symbols: None**

### 15. Regulatory Information

**TSCA (U.S.A. – Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory or are exempted from listing because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (U.S.A. – Superfund Amendments & Reauthorization Act)**

311/312 Hazard Categories-Immediate Health, 313 Reportable Ingredients-None

**CERCLA (U.S.A. – Comprehensive Response Compensation & Liability Act)**

None

**California Prop 65, Safe Drinking Water & Toxic Enforcement Act of 1986**

Contains chemicals known to the State of California to cause cancer and reproductive toxicity.

**CPR (Canadian Controlled Products Regulations)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: Not controlled

**IDL (Canadian Ingredient Disclosure List)**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

**DSL/NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**

Components of this product identified by CAS number are not listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as “hazardous” are listed in Section 2 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances unless indicated as “not found”.

**WGK Water Quality Index: nwg    VbK Index: not applicable**

## 16. Other Information

**HMIS Hazard Ratings:**

Health = 1                      Flammability = 0                      Physical Hazard = 0                      Personal Safety Equipment = E

Definitions: \* = Chronic Health Hazard,

0 = Insignificant,                      1 = Slight,                      2 = Moderate,                      3 = High,                      4 = Extreme,

E = Safety Glasses, Gloves, Dust Respirator

**Notes**

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