

# Material Safety Data Sheet



U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As used on Label and List)  
Combimix LP Industrial 920

## Section I

Manufacturer's Name  
Combimix Inc.  
Address  
3500 N Causeway Blvd  
Suite 160  
Metairie, LA 70002  
USA

Emergency Telephone Number  
312-419 9495  
Telephone Number for Information  
312-419 9495

Date Prepared  
2005-01-01  
2008-02-22  
2010-04-21 (rev address)

## Section II – hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))				
Cas Nr	WT%	Material	OSHA PEL	ACGIH TLV
65997-15-1	1-10%	Portland Cement	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
65997-16-2	5-20%	Aluminate Cement	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
65996-69-2	10-30%	Merit 5000	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
14808-60-7	≤ 0.1%	Quartz ≤ 5µm	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

## Section III - Physical/Chemical Characteristics

<b>Boiling Point</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> 1.7	<b>pH:</b> ≤ 11
<b>Vapor Pressure (mm Hg.)</b> N/A	<b>Melting/Freezing point</b> N/A	
<b>Vapor Density (AIR = 1)</b> N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b> N/A	
<b>Solubility in Water</b> Less than 0.1%		
<b>Appearance and Odor</b> Fine gray powder low odor		

## Section IV - Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> Non-Flammable	<b>Flammable Limits</b> Non-Flammable	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> Will not burn			
<b>Special Fire Fighting Procedures</b> None			
<b>Unusual Fire and Explosion Hazards</b>			

## Section V - Reactivity Data

<b>Stability</b>	Unstable		Conditions to Avoid
	Stable	X	
<b>Incompatibility (Materials to Avoid)</b>			
None known			
<b>Hazardous Decomposition or Byproducts</b>			
Will not occur			
<b>Hazardous Polymerization</b>	May Occur		Conditions to Avoid
	Occur	X	None

## Section VI - Health Hazard Data

### Health Hazards

#### Emergency and First Aid Procedures

##### ACUTE:

**EYES:** Contact with eyes will cause irritation and possible corrosion damage and burning. Particulates can also cause mechanical irritation.

**SKIN:** When mixed with water, direct contact with skin can cause irritation. If irritation occurs, rinse with water until free of material, then wash skin thoroughly with soap and water. May dry skin.

**INHALATION:** Inhalation of dust from this product can irritate nose, throat, lungs and upper respiratory tract. Persons that are subject to a large amount of dust, remove subject to fresh air. Respiratory symptoms can occur such as coughing, sneezing and nasal irritation.

**INGESTION:** May be corrosive to the digestive tract.

##### CHRONIC:

**EYES:** conjunctivitis and Keratitis, may developed after repeated contact with eyes

**SKIN:** Prolonged contact may cause dermatitis and drying of skin.

**INHALATION:** Conditions such as bronchitis and emphysema have been reported after many years of exposure to Portland Cement. Prolonged and repeated exposure to quartz can result in lung disease (i.e., Silicosis) and/or lung cancer.

#### Signs and Symptoms of Exposure

Exposure to skin or eyes may cause rash or irritation. Inhalation may cause cough, shortness of breath, wheezing and reduced pulmonary function.

#### Medical Conditions Generally Aggravated by Exposure

Persons with allergies to Portland Cement or individuals with respiratory diseases or subject to eye irritation should not be exposure to this product.

#### Emergency and First Aid Procedures

**EYES:** Immediately flush eyes thoroughly with large amounts of water for 20 minutes, including upper and lower lids.

**SKIN:** Promptly wash with water and soap for at least 15 minutes or longer, depending on the concentration, amount and duration of exposure. If irritation persists after washing, consult a physician.

**INHALATION:** Remove subject to fresh air until irritation subside, so if conditions warrant, consult a physician.

**INGESTION:** Seek medical attention immediately

**MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED:** Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.

**PRIMARY ROUTES OF ENTRY:** Inhalation, eyes and/or skin contact, ingestion.

## **Section VII - Precautions for Safe Handling and Use**

### **Steps to Be Taken in Case Material is Released or Spilled**

Spills should be swept up and contained in a waste container for disposal. Do not flush down drains. If washed down, it may plug drains. If already mixed with water, scrape up and place in a container. Wear appropriate protective equipment.

### **Waste Disposal Method**

Dispose of in accordance with all applicable local, State/Provincial and Federal regulations.

### **Precautions to Be taken in Handling and Storing**

Store in a cool, dry area. Take precautions to avoid bag breakage, subsequent spillage of material and dust creation.

## **Section VIII - Control Measures**

### **Respiratory Protection (*Specify Type*)**

Not typically necessary under normal conditions of use in well-ventilated workplace. Provide general ventilation and local exhaust ventilation to meet TLV requirements of individual ingredients and to control misty conditions. Wear a NIOSH/MSHA-approved organic vapor respirator in poorly ventilated areas and/or if TLV is exceeded. Refer to the most recent standards of ANSI(Z88.2), OSHA (29 CFR 1910.134), MSHA (30 CFR PARTS) and NOISH respirator decision logic.

### **Ventilation**

Ventilate to keep exposures below TLV. General ventilation is expected to be satisfactory in most cases. Use local exhaust ventilation if necessary to control misting.

### **Protective Gloves**

Recommended

### **Eye Protection**

Recommended

### **Other Protective Clothing or Equipment**

Gloves or protective clothing is desirable in work situations. Wear gloves and protective clothing to prevent repeated skin contact. Wear eye protection (safety glasses or goggles) to avoid corrosion and irritation of the eye.

### **Work/Hygienic Practices**

When finished, shower with soap and water to remove dust. Dusty clothing should be laundered before reuse.