



## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### Product identifier:

Identification as on the label/Trade name: Phoscrete Fast-Set Admix  
Part number: PC-FAST

### Relevant identification uses of the substance and uses advised against:

Identified uses: Concrete/mortar admixtures.  
Uses advised against: No other uses are advised.

### Details of the Supplier of the Safety Data Sheet:

Phoscrete Corporation  
1800 NW 15th Ave Suite 130  
Pompano Beach FL 33069  
+1-561-420-0595  
safety@phoscrete.com

### Emergency telephone numbers:

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC® 24 Hours 800-424-9300 / +1 703-527-3887. Contracted by Phoscrete, CCN 866520

## Section 2: Hazards Identification

### Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

### Hazard classes/Hazard categories:

Not classified as hazardous.

### Label elements:

Hazard pictogram: No pictogram.  
Signal word: No signal word.  
Hazard statements: Not applicable.  
Precautionary statements: Not applicable.



### Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Magnesium oxide	1309-48-4	>90%	-	Not classified
	215-171-9			
Oxides of silicon, iron, aluminum, and calcium	-	2%	-	Not classified
	-			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4: First-Aid Measures

**Description of first aid measures:**

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion:** Rinse mouth. Do NOT induce vomiting.

**Skin contact:** Not expected to be an irritant. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

**Most important symptoms and effects, both acute and delayed:**

Inhalation may cause irritation, cough, and shortness of breath. May cause eye irritation.

**Indication of any immediate medical attention and special treatment needed:** No special procedures required.

### Section 5: Fire-Fighting Measures

**Extinguisher media:**

**Suitable extinguisher media:** Not combustible. If there is a fire close by, use suitable extinguishing agents such as water fog, Carbon dioxide, dry powder or foam.

**Unsuitable extinguishing media:** None known.

**Special hazards arising from the mixture:** If heated to decomposition (>1,700 °C), magnesium oxide fumes may be generated.

**Advice for fire-fighters:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses. Do not enter fire area without proper protective equipment, including respiratory protection.



## Section 6: Accidental Release Measures

### **Personal precautions, protective equipment and emergency procedures:**

Avoid creating or spreading dust. Dust deposited may be vacuum cleaned. Where excessive dust may result, use approved respiratory protection equipment.

**Environmental precautions:** Prevent entry to sewers and public waters.

### **Methods for containment and cleaning up:**

Sweep up spilled material without making dust. Dispose of according to the waste disposal recommendations.

## Section 7: Handling and Storage

### **Precautions for safe handling:**

Provide good ventilation in process area to prevent formation of dust.

**Advice on general occupational hygiene:** Do not eat, drink, or smoke when handling this product.

### **Conditions for safe storage, including incompatibilities:**

Keep container closed when not in use. Keep away from incompatible materials.

**Specific end uses:** Use only as directed.

## Section 8: Exposure Controls and Personal Protection

### **Control parameters:**

#### **Occupational exposure limits:**

1309-48-4 Magnesium oxide

OSHA PEL

TWA 15 mg/m<sup>3</sup>

#### **Milled MagChem 10**

ACGIH TWA (mg/m<sup>3</sup>) 10 mg/m<sup>3</sup>

OSHA PEL (TWA) (mg/m<sup>3</sup>) 15 mg/m<sup>3</sup>

### **Exposure control:**

**Appropriate engineering controls:** Provide local exhaust or general room ventilation to minimize exposure to dust. Avoid dispersal of dust in the air (e.g., clearing dust surfaces with compressed air).

### **Individual protection measures, such as personal protective equipment:**

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection:** Wear protective gloves.

**Eye protection:** Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product. Where excessive dust may result, wear goggles.

**Skin protection:** Protective clothing as appropriate.



## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties:

**Appearance (form):** Solid.

**Color:** White.

**Odor:** Odourless.

**pH (concentration):** 10.3 in a saturated aqueous solution.

**Melting point/range (°C):** 2,827 °C

**Boiling point/range (°C):** 3,600 °C

**Flash point (°C):** No data available.

**Evaporation rate:** No data available.

**Flammability (solid, gas):** No data available.

**Upper/lower explosive limits:** No data available.

**Vapor pressure (20 °C):** 0 hPa

**Vapor density:** 0

**Relative density (20 °C):** 3.58 g/cm<sup>3</sup>

**Water solubility (g/L) at 25 °C:** Partially soluble.

**n-Octanol/Water partition coefficient:** No data available.

**Auto-ignition temperature:** No data available.

**Decomposition temperature:** >1,700 °C

**Viscosity, dynamic (mPa.s):** No data available.

## Section 10: Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** Stable at ambient temperature and under normal conditions of use.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Store away from incompatible materials.

**Incompatible materials:** Strong acids: vigorous reaction and heat generated. Chlorine trifluoride reacts violently, producing flame; Phosphorous pentachloride incandescens brilliantly.

**Hazardous decomposition products:** If magnesium oxide is heated to the point of volatilization (i.e., >1,700 °C), magnesium oxide fumes may be generated.

## Section 11: Toxicological Information

### Information on toxicological effects:

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No data available.

**Serious eye damage/irritation:** No data available.

**Respiratory or skin sensitization:** No data available.

**Germ cell mutagenicity:** No data available.

**Carcinogenicity:** Not data available.

**Reproductive toxicity:** No data available.

**STOT-single exposure:** No data available.

**STOT-repeated exposure:** No data available.

**Aspiration hazard:** No data available.



## Section 12: Ecological Information

**Toxicity:** No data available.  
**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available.  
**Mobility in soil:** No data available.  
**Results of PBT& vPvB assessment:** No data available.

## Section 13: Disposal Considerations

**Waste treatment methods:** Dispose in a safe manner in accordance with local/national regulations.  
**Product/packaging disposal:** Empty containers and clean out appropriately before reuse or disposal. Packaging may be recycled if thoroughly cleaned.

## Section 14: Transport Information

**UN number:** -  
**UN proper shipping name:** Not regulated as dangerous goods.  
**Transport hazard class:** -  
**Packing group:** -  
**Special precautions for user:** Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.  
**Transport in bulk according to Annex II of Marpol and the IBC Code:** Not applicable.

## Section 15: Regulatory Information

### Safety, health and environmental regulations/legislation for the mixture:

**Relevant information regarding restrictions:** None known.  
**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP]  
**US Regulations:**  
**SARA Title III Section 302/304 Extremely Hazardous Substance:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
**SARA Title III Section 311/312 Hazard Categorization:** Not applicable.  
**SARA Title III Section 313 Supplier Information:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.  
**CERCLA Section 102(a) Hazardous Substance:** This material does not contain any chemical components with CERCLA reportable quantities.  
**California Proposition 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.  
**Chemical Safety Assessment carried out:** No.



## Section 16: Other Information

**Indication of changes:** GHS aligned.

**Relevant classification and H statements (number and full text):** None.

**Training instructions:** Use as instructed.

**NFPA rating:**



Health 0 - Materials that, under emergency conditions would offer no hazard beyond that of ordinary combustible materials.

Flammability 0 - Materials that will not burn. This includes any material that will not burn in air when exposed to a temperature of 1500 degrees F (815.5 degrees C) for a period of 5 min.

Reactivity/Instability 0 - Materials that in themselves are normally stable, even under fire conditions.

**Further information:** This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to readers:** Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

**Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit