

## 18.5 Dicalcium Phosphate Feed Grade



# Safety Data Sheet

## Section 1: Identification

**Product Name:** Simphos18.5P Dicalcium Phosphate Feed Grade

**Product Form:** Mixture

**Company Identification:**

Origination Inc.  
1300 McKnight Road North  
Maplewood, MN 55119

**For information, call:** 1-800-625-6079

**Emergency Number:** 1-800-625-6079

**For CHEMTREC assistance, call:** 1-800-424-9300

**For International CHEMTREC assistance, call:** 703-527-3887

## Section 2: Hazard(s) Identification

**GHS-US classification:** Eye Irritant 2B H320 - Causes eye irritation

**GHS-US Labelling**

**Signal word (GHS-US):** Warning

**Hazard statements (GHS-US):** H320 - Causes eye irritation. Serious eye damage.

**Precautionary statements (GHS-US):** P264 - Wash thoroughly after handling. P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention.

**Other hazards:** No additional information available.

**Unknown acute toxicity (GHS-US):** No data available.

## Section 3: Composition / Information on Ingredients

**Substance:** Not Applicable

Mixture Name	Product Identifier	%	GHS-US Classification
Dicalcium Phosphate	(CAS No) 7757-93-9		Eye Irrit. 2B, H320

*\*ingredients without WT% are considered proprietary based on trade secrets*

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### Section 4: First Aid Measures

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** Assure fresh air breathing. Allow the victim to rest.

**First-aid measures after skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**First-aid measures after eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**First-aid measures after ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### Most important symptoms and effects, both acute and delayed

**Symptoms/injuries after eye contact:** Causes eye irritation. Indication of any immediate medical attention and special treatment needed: No additional information available.

### Section 5: Fire Fighting Measures

#### Extinguishing Media

**Suitable extinguishing media:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media:** Do not use a heavy water stream. Special hazards arising from the substance or mixture: No additional information available.

#### Advice for Firefighters

**Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

### Section 6: Accidental Release Measures

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

##### For non-emergency personnel

**Emergency procedures:** Evacuate unnecessary personnel.

##### For emergency responders

**Protective equipment:** Equip cleanup crew with proper protection.

**Emergency procedures:** Ventilate area.

**Environmental precautions:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### Methods and material for containment and cleaning up

**Methods for cleaning up:** On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

#### Reference to other sections

**See Heading 8:** Exposure controls and personal protection.

### Section 7: Handling and Storage

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Storage conditions:** Keep only in the original container in a cool, well ventilated place away from direct sunlight. Keep container closed when not in use.

**Incompatible products:** Strong bases. Strong acids.

**Incompatible materials:** Sources of ignition. Direct sunlight.

**Specific end use(s):** No additional information available.

### Section 8: Exposure Controls, Personal Protection

**Control parameters:** No additional information available

**Exposure Controls**

**Personal protective equipment:** Avoid all unnecessary exposure.

**Hand protection:** Wear protective gloves.

**Eye protection:** Chemical goggles or safety glasses.

**Respiratory protection:** Wear appropriate mask.

**Other information:** Do not eat, drink or smoke during use.

### Section 9: Physical and Chemical Properties

**Information on basic physical and chemical properties:**

**Physical state:** Solid

**Appearance:** Granules.

**Colour:** Light tan

**Odour:** Characteristic

**Odour threshold:** No data available

**pH:** No data available

**Relative evaporation rate (butylacetate=1):** No data available

**Melting point:** No data available

**Freezing point:** No data available

**Boiling point:** No data available

**Flash point:** No data available

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

**Decomposition temperature:** 100 °C

**Flammability (solid, gas):** Non-flammable

**Vapour pressure:** No data available

**Relative vapour density at 20 °C:** No data available

**Relative density:** 0.90-0.99 (Water = 1)

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**Density:** 56-62 lb/ft<sup>3</sup> (Bulk Density)

**Solubility:** Soluble **Water:** Solubility in water of component(s) of the mixture • Dicalcium Phosphate: 0.010 g/100ml

**Log Pow:** No data available

**Log Kow:** No data available

**Viscosity, kinematic:** No data available

**Viscosity, dynamic:** No data available

**Explosive properties:** No data available

**Oxidising properties:** No data available

**Explosive limits:** No data available

### Section 10: Stability and Reactivity

**Reactivity:** No additional information available

**Chemical stability:** Not established.

**Possibility of hazardous reactions:** Not established.

**Conditions to avoid:** Direct sunlight. Extremely high or low temperatures.

**Incompatible materials:** Strong acids. Strong bases.

**Hazardous decomposition products:** Fume. Carbon monoxide. Carbon dioxide.

### Section 11: Toxicological Information

**Acute toxicity:** Not classified

Dicalcium Phosphate (7757-93-9)	
LD50 oral rat	10000 mg/kg (Rat)
LD50 dermal rat	7940 mg/kg (Rat)
ATE US (oral)	10000.00000000 mg/kg bodyweight
ATE US (dermal)	7940.00000000 mg/kg bodyweight

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes eye irritation.

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** Not classified

**Specific target organ toxicity (repeated exposure):** Not classified

**Aspiration hazard:** Not classified

**Potential adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

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**Symptoms/injuries after eye contact:** Causes eye irritation.

### Section 12: Ecological Information

**Toxicity:** No additional information available

#### Persistence and Degradability:

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Persistence and degradability	Not established.

Dicalcium Phosphate	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

#### Bioaccumulative Potential

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Bioaccumulative potential	Not established.

Dicalcium Phosphate	
Bioaccumulative potential	Not bioaccumulative. Not established.

**Mobility in soil:** No additional information available

#### Other adverse effects

**Effect on ozone layer:** No additional information available

**Effect on the global warming:** No known ecological damage caused by this product.

**Other information:** Avoid release to the environment.

### Section 13: Disposal Considerations (non-mandatory)

**Waste disposal recommendations:** Dispose in a safe manner in accordance with local/national regulations.

**Ecology - waste materials:** Avoid release to the environment.

**In accordance with DOT.** Not regulated for transport.

### Section 14: Transport Information

**Additional information:** No supplementary information available.

**ADR:** Transport document description

**Transport by sea:** No additional information available

**Air transport:** No additional information available

### Section 15: Regulatory Information

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### **US Federal Regulations:**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### **International Regulations:**

**Canada:** No additional information available.

**EU-Regulations:** No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

**Classification according to Directive 67/548/EEC or 1999/45/EC:** Not classified

**National regulations:** No additional information available.

**US State regulations:** California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

## Section 16: Additional Information

**Prepared by:** Origination, Inc.

**Prepared:** May, 2015

### **Disclaimer:**

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Origination be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Origination has been advised of the possibility of such damages.*