

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, LLC
1802 Wooddale Drive, Suite 200
Woodbury, MN 55125

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.

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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/ft³ (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, LLC

Prepared: November 12, 2020

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.