

**SECTION 1: Identification of the substance/mixture and of the company****1.1. Product identifier**

**Product form** Mixture  
**Product name** Triple Superphosphate 0-40-0

**1.3. Details of the supplier of the safety data sheet**

**Company** Southern Agricultural Insecticides, Inc  
P.O. Box 218  
Palmetto, FL 34220  
(941) 722-3285  
National Pesticide Information Center: (800) 858-7378  
Chemtrec (800) 424-9300 (24 hour transportation spill response)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (GHS-US)**

Serious eye damage/eye irritation Category 2B  
Skin corrosion/irritation Category 2  
Specific target organ toxicity (single exposure) Category 3  
May cause respiratory irritation

**2.2. Label elements****GHS-US labeling****Hazard pictograms (GHS-US)****Signal word (GHS-US)**

Warning

**Hazard statements (GHS-US)**

H315 - Causes skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation

**Precautionary statements (GHS-US)**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 Wash thoroughly after handling  
P271 Use only outdoors or in a well-ventilated area  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 If on skin: Wash with plenty of water/...  
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 Call a poison center/doctor/ if you feel unwell

P321	Specific treatment (see on this label)
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P403+P233	Store in a well-ventilated place. Keep container tightly closed
P405	Store locked up
P501	Dispose of contents/container

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Calcium Phosphate	(CAS No) 7758-23-8	84 - 88	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Dicalcium Phosphate	(CAS No) 7757-93-9	12 - 16	Eye Irrit. 2B, H320

## SECTION 4: First aid measures

### 4.1. Description of 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

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### First-aid measures after skin contact

Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

#### 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.

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

#### Symptoms/injuries after inhalation

May cause respiratory irritation.

#### Symptoms/injuries after skin contact

Causes skin irritation.

#### Symptoms/injuries after eye contact

Causes eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
**Unsuitable extinguishing media** Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

**Reactivity** Stable.

### 5.3. 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

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

#### 6.1.1. For non-emergency personnel

**Emergency procedures** Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

**Protective equipment** Equip cleanup crew with proper protection.  
**Emergency procedures** Ventilate area.

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

### 6.3. 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.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**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. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well ventilated area.

**Hygiene measures** Wash thoroughly after handling.

## 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage conditions</b>	Keep only in the original container in a cool, well ventilated place Keep container tightly closed.
<b>Incompatible products</b>	Strong bases. Strong acids.
<b>Incompatible materials</b>	Sources of ignition. Direct sunlight.

7.3. Specific end use(s) No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Material</b>	<b>ACGIH</b>	<b>OSHA</b>
Triple Superphosphate 0-45-0	Not applicable	Not applicable
Calcium Phosphate (7758-23-8)	Not applicable	Not applicable
Dicalcium Phosphate (7757-93-9)	Not applicable	Not applicable

### 8.2. Exposure controls

<b>Personal protective equipment</b>	Avoid all unnecessary exposure.
<b>Hand protection</b>	Wear protective gloves.
<b>Eye protection</b>	Chemical goggles or safety glasses.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	Wear appropriate mask.
<b>Other information</b>	Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid
<b>Appearance</b>	Granules.
<b>Color</b>	Off-white
<b>Odor</b>	characteristic
<b>Odor threshold</b>	No data available
<b>pH</b>	No data available
<b>pH solution</b>	1 g to 10 g H <sub>2</sub> O: 2.3-3
<b>Melting point</b>	No data available
<b>Freezing point</b>	No data available
<b>Boiling point</b>	No data available
<b>Flash point</b>	No data available
<b>Relative evaporation rate (butyl acetate=1)</b>	No data available
<b>Flammability (solid, gas)</b>	Non-flammable
<b>Explosion limits</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative density</b>	No data available
<b>Relative vapor density at 20 °C</b>	No data available
<b>Solubility</b>	Soluble. Water: Solubility in water of component(s) of the mixture • 1.8 g/100ml • 0.010 g/100ml

Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available

**9.2. Other information** No additional information available

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Stable.
<b>10.2. Chemical stability</b>	Stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	Not established.
<b>10.4. Conditions to avoid</b>	Direct sunlight. Extremely high or low temperatures.
<b>10.5. Incompatible materials</b>	Oxidizers. May be corrosive to metals. Strong acids. Strong bases.
<b>10.6. Hazardous decomposition products</b>	ammonia, cyanide, sulfates, phosphate fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** Not classified

Triple Superphosphate 0-45-0  
 LD50 oral rat 17500 mg/kg  
 LD50 dermal rabbit > 2000 mg/kg  
 ATE US (oral) 17500.000 mg/kg body weight

Calcium Phosphate (7758-23-8)  
 LD50 oral rat 17500 mg/kg (Rat; Literature)  
 LD50 dermal rabbit > 2000 mg/kg (Rabbit; Literature)  
 ATE US (oral) 17500.000 mg/kg body weight

Dicalcium Phosphate (7757-93-9)  
 LD50 oral rat 10000 mg/kg (Rat)  
 LD50 dermal rat 7940 mg/kg (Rat)  
 ATE US (oral) 10000.000 mg/kg body weight  
 ATE US (dermal) 7940.000 mg/kg body weight

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/irritation</b>	Causes eye irritation.
<b>Respiratory or skin sensitization</b>	Not classified
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>Specific target organ toxicity (single exposure)</b>	May cause respiratory irritation.
<b>Specific target organ toxicity (repeated exposure)</b>	Not classified
<b>Aspiration hazard</b>	Not classified
<b>Potential Adverse human health effects and symptoms</b>	Based on available data, the classification criteria are not met.

**Symptoms/injuries after inhalation** May cause respiratory irritation.  
**Symptoms/injuries after skin contact** Causes skin irritation.  
**Symptoms/injuries after eye contact** Causes eye irritation.

**SECTION 12: Ecological information**

**12.1. Toxicity** No additional information available

**12.2. Persistence and degradability**

Triple Superphosphate 0-45-0 Persistence and degradability Not established.

Calcium Phosphate (7758-23-8) 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

Dicalcium Phosphate (7757-93-9) 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

**12.3. Bioaccumulative potential**

Triple Superphosphate 0-45-0 Bioaccumulative potential Not established.  
 Calcium Phosphate (7758-23-8) Bioaccumulative potential No bioaccumulation data available. Not established.  
 Dicalcium Phosphate (7757-93-9) Bioaccumulative potential Not bioaccumulative. Not established.

**12.4. Mobility in soil** No additional information available

**12.5. Other adverse effects**

Effect on the global warming No known ecological damage caused by this product.  
 Other information Avoid release to the environment.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

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

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

**SECTION 14: Transport information**

**Department of Transportation (DOT)** Not regulated for transport  
**ADR** No additional information available  
**Transport by sea** No additional information available  
**Air transport** No additional information available

## **SECTION 15: Regulatory information**

### **15.1. US Federal regulations**

Triple Superphosphate 0-45-0 Not listed on the United States TSCA (Toxic Substances Control Act) inventory

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.

### **15.2. International regulations**

**CANADA** No additional information available

**EU-Regulations** No additional information available

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

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**  
Not classified

**National regulations** No additional information available

### **15.3. 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: Other information**

**Other information** None.

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