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
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

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

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
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

Storage conditions
Keep only in the original container in a cool, well ventilated place.
Keep container tightly closed.

Incompatible products
Strong bases. Strong acids.

Incompatible materials
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

<table>
<thead>
<tr>
<th>Material</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple Superphosphate 0-45-0</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Calcium Phosphate (7758-23-8)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Dicalcium Phosphate (7757-93-9)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Personal protective equipment
Avoid all unnecessary exposure.

Hand protection
Wear protective gloves.

Eye protection
Chemical goggles or safety glasses.

Skin and body protection
Wear suitable protective clothing.

Respiratory protection
Wear appropriate mask.

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Granules.</td>
</tr>
<tr>
<td>Color</td>
<td>Off-white</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>pH solution</td>
<td>1 g to 10 g H2O: 2.3-3</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 ºC</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble.</td>
</tr>
</tbody>
</table>

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

10.1. Reactivity  Stable.
10.2. Chemical stability  Stable under normal conditions.
10.3. Possibility of hazardous reactions  Not established.
10.4. Conditions to avoid  Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials  Oxidizers. May be corrosive to metals. Strong acids. Strong bases.

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

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)  May cause respiratory irritation.
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.
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
Persistence and degradability Not established.
Triple Superphosphate 0-45-0
Calcium Phosphate (7758-23-8) Persistance and degradability: 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) Persistance and degradability: 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
Bioaccumulative potential Not established.
Triple Superphosphate 0-45-0
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
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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