



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

##### Product Name

- **Zoecon Altosid Briquets**

##### Synonyms

- 37060F; 37090C; EPA Reg. No.: 2724-375; ProLink Briquets

##### Product Description

- Gray to black solid.

#### Relevant identified uses of the substance or mixture and uses advised against

##### Recommended use

- Insect growth regulator.

##### Restrictions on use

- Avoid contact with eyes, skin or clothing. Keep out of reach of children.

#### Details of the supplier of the safety data sheet

##### Manufacturer

- Wellmark International  
1501 E. Woodfield Road, Suite 200 West  
Schaumburg, IL 60173  
United States  
[www.centralmosquitocontrol.com](http://www.centralmosquitocontrol.com)

#### Emergency telephone number

##### Manufacturer

- 1-800-424-9300 - CHEMTREC

##### Manufacturer

- 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

##### Manufacturer

- 1-888-914-2082

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

##### OSHA HCS 2012

- Carcinogenicity 1A  
Eye Mild Irritation 2B  
Combustible Dust

#### Label elements

##### OSHA HCS 2012

**DANGER**



**Hazard statements** • May cause cancer.  
Causes eye irritation

May form combustible dust concentrations in air.

## Precautionary statements

**Prevention** • Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not handle until all safety precautions have been read and understood.  
Obtain special instructions before use.

**Response** • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF exposed or concerned: Get medical advice/attention.

**Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.  
Store locked up.

**Supplemental information** • Exposure to silica dust from the finished product is not expected to occur due to the manner in which the constituents are bound. Finished product is not considered carcinogenic.

## Other hazards

### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

| Composition                  |                |         |
|------------------------------|----------------|---------|
| Chemical Name                | Identifiers    | %       |
| (s)-Methoprene               | CAS:65733-16-6 | 8.62%   |
| Plaster of paris             | CAS:26499-65-0 | 71.84%  |
| Silica, crystalline - quartz | CAS:14808-60-7 | < 0.73% |
| Activated Carbon             | CAS:7440-44-0  | 17.53%  |
| Other ingredients            | NDA            | 1.28%   |

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin

- IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. If skin irritation occurs: Get medical advice/attention.

#### Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- IF SWALLOWED: call a poison center or doctor if you feel unwell. Rinse mouth. Never

give anything by mouth to an unconscious person. Call a physician or poison control center.

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

- Causes eye irritation, may cause cancer.

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

#### Notes to Physician

- Treat symptomatically and supportively.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
LARGE FIRE: Water spray, fog or regular foam.

#### Unsuitable Extinguishing Media

- Avoid heavy hose streams.

#### Firefighting Procedures

- Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Eliminate ignition sources. Move combustibles out of path of advancing pool if you can do so without risk. Stay upwind.  
LARGE FIRES: Dike fire control water for later disposal; do not scatter the material.

### Special hazards arising from the substance or mixture

#### Unusual Fire and Explosion Hazards

- Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

#### Hazardous Combustion Products

- Decomposes upon heating to produce toxic vapors/gases which may include carbon oxides and nitrogen oxides.

### Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

- Avoid contact with skin, eyes, and clothing. Use appropriate Personal Protective Equipment (PPE). Ventilate enclosed areas. Do not walk through spilled material. Keep all sources of ignition away and avoid creating dusty conditions.

#### Emergency Procedures

- Stay upwind. Ventilate closed spaces before entering. Contain spill and monitor for excessive dust accumulation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Turn off electric power to area.

### Environmental precautions

- Contain and prevent from release into any waterway, sewer or drain.

### Methods and material for containment and cleaning up

#### Containment/Clean-up Measures

- Use appropriate Personal Protective Equipment (PPE). Avoid generating dust. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Sweep or scoop up spills, dispose of any unusable material in approved landfill. Non-sparking tools should be used.

## Section 7 - Handling and Storage

### Precautions for safe handling

#### Handling

- Wash hands thoroughly with soap and water after handling. Read label before use. Avoid contact with skin or eyes. Avoid breathing dust. Avoid contact with heat and

ignition sources.

## Conditions for safe storage, including any incompatibilities

- Storage**
- Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in cool, dry area, inaccessible to children. Store only in original container.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

- Exposure Limits/Guidelines**
- No data available.

| Exposure Limits/Guidelines                |        |   |  |  |
|---|--------|---|--|--|
|   | Result | ACGIH   | NIOSH  | OSHA   |
| Silica, crystalline - quartz (14808-60-7) | TWAs   | 0.025 mg/m <sup>3</sup> TWA (respirable fraction) | 0.05 mg/m <sup>3</sup> TWA (respirable dust)                                     | Not established  |
| Plaster of paris (26499-65-0)             | TWAs   | Not established                                   | 10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust) | 15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction) |

### Exposure Limits Supplemental OSHA

- Silica, crystalline - quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, total dust; (250)/(%SiO<sub>2</sub> + 5) mppcf TWA, respirable fraction; (10)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, respirable fraction)

### Exposure controls

#### Engineering Measures/Controls

- Use adequate ventilation to remove vapors (fumes, dust etc)

#### Personal Protective Equipment

##### Pictograms



##### Respiratory

- If prolonged exposure is anticipated, it is recommended for handlers to wear an approved MSHA/NIOSH dust mask N-95.

##### Eye/Face

- Wear safety glasses.

##### Hands

- Wear appropriate gloves.

##### Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

#### General Industrial Hygiene Considerations

- Avoid contact with skin, eyes or clothing.

#### Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

| Material Description |                   |                              |                      |
|----------------------|-------------------|------------------------------|----------------------|
| Physical Form        | Solid             | Appearance/Description       | Gray to black solid. |
| Color                | Gray to black.    | Odor                         | Slight hydrocarbon.  |
| Odor Threshold       | No data available |                              |                      |
| General Properties   |                   |                              |                      |
| Boiling Point        | No data available | Melting Point/Freezing Point | No data available    |

|                                     |                                      |                  |                   |
|-------------------------------------|--------------------------------------|------------------|-------------------|
| Decomposition Temperature           | No data available                    | pH               | Not relevant      |
| Specific Gravity/Relative Density   | 1.04 g/cc (64.9 lb/ft <sup>3</sup> ) | Water Solubility | No data available |
| Viscosity                           | Not relevant                         |                  |                   |
| <b>Volatility</b>                   |                                      |                  |                   |
| Vapor Pressure                      | No data available                    | Vapor Density    | No data available |
| Evaporation Rate                    | No data available                    |                  |                   |
| <b>Flammability</b>                 |                                      |                  |                   |
| Flash Point                         | Not relevant                         | UEL              | No data available |
| LEL                                 | No data available                    | Autoignition     | No data available |
| Flammability (solid, gas)           | No data available                    |                  |                   |
| <b>Environmental</b>                |                                      |                  |                   |
| Octanol/Water Partition coefficient | No data available                    |                  |                   |

## Section 10: Stability and Reactivity

### Reactivity

- This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

- Hazardous polymerization will not occur. May form combustible dust concentrations in the air.

### Conditions to avoid

- Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

### Incompatible materials

- No data available. Strong acids. Strong oxidizing agents.

### Hazardous decomposition products

- Thermal decomposition may produce toxic vapors and/or gases.

## Section 11 - Toxicological Information

### Information on toxicological effects

|                         | CAS |  |
|-------------------------|-----|--|
| Zoecon Altosid Briquets | NDA | <b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >5100 mg/kg; Skin-Rabbit LD50 • >2100 mg/kg;<br><b>Irritation:</b> Eye-Rabbit • Mild irritation; Skin-Rabbit • Essentially non-irritating |

| GHS Properties           | Classification  |
|--------------------------|---|
| <b>Acute toxicity</b>    | OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met |
| <b>Aspiration Hazard</b> | OSHA HCS 2012 • Classification criteria not met   |
| <b>Carcinogenicity</b>   | OSHA HCS 2012 • Carcinogenicity 1A  |

|                                      |   |
|--------------------------------------|---|
| <b>Germ Cell Mutagenicity</b>        | OSHA HCS 2012 • Not classified - data lacking   |
| <b>Skin corrosion/Irritation</b>     | OSHA HCS 2012 • Classification criteria not met |
| <b>Skin sensitization</b>            | OSHA HCS 2012 • Classification criteria not met |
| <b>STOT-RE</b>                       | OSHA HCS 2012 • Classification criteria not met |
| <b>STOT-SE</b>                       | OSHA HCS 2012 • Classification criteria not met |
| <b>Toxicity for Reproduction</b>     | OSHA HCS 2012 • Classification criteria not met |
| <b>Respiratory sensitization</b>     | OSHA HCS 2012 • Classification criteria not met |
| <b>Serious eye damage/Irritation</b> | OSHA HCS 2012 • Eye Mild Irritation 2B          |

**Route(s) of entry/exposure** • Inhalation, Ingestion, Eyes, and Skin

## Potential Health Effects

### Inhalation

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

#### Chronic (Delayed)

- Exposure to respirable crystalline silica is not expected during normal use of this product. However, prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis).

### Skin

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

#### Chronic (Delayed)

- No data available.

### Eye

#### Acute (Immediate)

- Causes eye irritation.

#### Chronic (Delayed)

- No data available.

### Ingestion

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

#### Chronic (Delayed)

- No data available.

### Carcinogenic Effects

- Exposure to respirable crystalline silica dust from the finished product is not expected to occur due to the manner in which the constituents are bound, thus the finished product is not considered carcinogenic under conditions of normal use.

## Section 12 - Ecological Information

### Toxicity

| Component              | CAS        | Data  |
|------------------------|------------|---|
| (s)-Methoprene (8.62%) | 65733-16-6 | <b>Crustacea:</b> NOEC Crustacea <i>Mysid shrimp</i> 0.014 mg/L [Chronic]; 96 Hour(s) LC50 Crustacea <i>Mysid shrimp</i> 0.11 mg/L [Acute]; 48 Hour(s) LC50 Crustacea <i>Daphnia magna</i> 0.36 mg/L [Acute];<br><b>Fish:</b> 96 Hour(s) LC50 Fish <i>Rainbow Trout</i> 0.76 mg/L [Acute]; 96 Hour(s) LC50 Fish <i>Blue Gill</i> >0.37 mg/L [Acute]; NOEC Fish <i>Fathead minnow</i> 0.048 mg/L [Chronic] |

### Persistence and degradability

- No data available.

### Bioaccumulative potential

- No data available.

### Mobility in Soil

- No data available.

### Other adverse effects

- No data available.

## Section 13 - Disposal Considerations

### Waste treatment methods

- Product waste**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

|           | UN number | UN proper shipping name | Transport hazard class (es) | Packing group | Environmental hazards |
|-----------|-----------|-------------------------|-----------------------------|---------------|-----------------------|
| DOT       | N/A       | Not regulated           | N/A                         | N/A           | N/A                   |
| IMO/IMDG  | N/A       | Not regulated           | N/A                         | N/A           | N/A                   |
| IATA/ICAO | N/A       | Not regulated           | N/A                         | N/A           | N/A                   |

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • Not relevant.

### Other information

**IMO/IMDG** • No data available

**IATA/ICAO** • No data available

### Key to abbreviations

= N/A = Not applicable.

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA Hazard Classifications** • Acute, Chronic

### FIFRA – Pesticide Labeling

This material is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

### CAUTION

**Precautionary Statements** • Keep out of reach of children.

**Hazards to Humans and Domestic Animals** • CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**First Aid** • Call a poison control center or doctor for treatment advice. If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If on skin or clothing: • Takeoff contaminated clothing. • Rinse skin immediately with

plenty of water for 15 - 20 minutes.

**Environmental Hazards** • Do not contaminate water when disposing of unused product.

| Inventory                    |            |      |
|------------------------------|------------|------|
| Component                    | CAS        | TSCA |
| (s)-Methoprene               | 65733-16-6 | No   |
| Plaster of paris             | 26499-65-0 | No   |
| Silica, crystalline - quartz | 14808-60-7 | Yes  |

## Section 16 - Other Information

- Last Revision Date** • 23/July/2015
- Preparation Date** • 23/July/2015
- Disclaimer/Statement of Liability** • The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.