



# Altosid<sup>®</sup> BRIQUETS



**A SUSTAINED RELEASE MOSQUITO GROWTH REGULATOR TO PREVENT ADULT MOSQUITO EMERGENCE (INCLUDING THOSE WHICH MAY TRANSMIT WEST NILE VIRUS)**

## SPECIMEN LABEL

### ACTIVE INGREDIENT:

(S)-Methoprene (Dry Weight Basis)  
(CAS #65733-16-6) . . . . . 8.62%

OTHER INGREDIENTS: . . . . . 91.38%  
Total . . . . . 100.00%

This product contains water, therefore the weight of the briquet and percent by weight of active ingredient will vary with hydration. The Ingredient Statement is expressed on a dry weight basis.

EPA Reg. No. 2724-375      EPA Est. No. 2724-TX-1

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION**

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

### FIRST AID

Call a poison control center or doctor for treatment advice.

- |                   |  |
|-------------------|--|
| <b>If in eyes</b> | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li></ul> |
|-------------------|--|

### FIRST AID (CONTINUED)

- |                               |  |
|-------------------------------|--|
| <b>If on skin or clothing</b> | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li></ul> |
|-------------------------------|--|

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of unused product.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**Note to User:** Do not remove **ALTOSID<sup>®</sup> Briquets** from container except for immediate use.

Because of the unique mode of action of **ALTOSID<sup>®</sup> Briquets**, users must be familiar with special techniques for accurate evaluation of treatments. See Application Rates and Intervals section of this label or consult local Mosquito Abatement Agency. Effective use of **ALTOSID<sup>®</sup> Briquets** in sites subjected to periodic heavy flow of water requires careful attention to briquet placement and to the possible need for retreatment. Use of the product in storm drains, waste treatment and settling ponds, and similar systems should therefore be limited to experienced pesticide applicators, such as personnel of Mosquito Abatement Districts and Public Health Agencies.

**Introduction:** The **ALTOSID<sup>®</sup> Briquet** is a formulation designed to release effective levels of **ALTOSID<sup>®</sup>** Insect Growth Regulator up to 30 days under typical environmental conditions. Release of **ALTOSID<sup>®</sup>** Insect Growth Regulator is effected by dissolution of the **ALTOSID<sup>®</sup> Briquet**. If briquets become covered by obstructions such as debris, vegetation, and loose

sediment as a result of high rainfall or flow, normal dispersion of the active ingredient can be inhibited. Water flow may increase the dissolution of the briquet thus reducing the residual life of the briquet. Inspect areas of water flow to determine appropriate retreatment intervals. To assure positive results, place **ALTOSID® Briquets** where they will not be swept away by flushing action. **ALTOSID® Briquets** prevent the emergence of adult mosquitoes including *Anopheles*, *Culex*, *Culiseta*, *Coquillettidia*, and *Mansonia* spp., as well as those of the floodwater mosquito complex (*Aedes*, *Ochlerotatus*, and *Psorophora* spp.) from treated water. Treated larvae continue to develop normally to the pupal stage where they die.

#### APPLICATION TIMING

Apply **ALTOSID® Briquets** at the beginning of the mosquito season. **ALTOSID® Briquets** provide up to 30 days residual control. Continue treatment through the last brood of the season. Apply at any stage of larval development. **ALTOSID® Briquets** may be applied as a pre-flood treatment prior to wetting events. **ALTOSID® Briquets** will be unaffected in dry down situations and will begin working again during subsequent wetting events until the briquet is exhausted.

**NOTE:** This insect growth regulator has no effect on mosquitoes which have reached the pupal or adult stage prior to treatment.

#### APPLICATION SITES

**ALTOSID® Briquets** are designed to control mosquitoes in small bodies of water. Examples of application sites are: storm drains, catch basins, roadside ditches, fish ponds, ornamental ponds and fountains, other artificial water-holding containers, animal watering troughs, cesspools and septic tanks, waste treatment and settling ponds, flooded crypts, transformer vaults, abandoned swimming pools, tires, construction and other manmade depressions, cattail marshes, water-hyacinth beds, vegetation-choked phosphate pits, pastures, meadows, rice fields, freshwater swamps and marshes, salt and tidal marshes, treeholes, woodland pools, floodplains, and dredging spoil sites. For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water holding sites in the system to maximize the efficiency of the treatment program.

#### APPLICATION RATES AND INTERVALS

For mosquito control in non-(or low-) flow, shallow depressions (up to two ft in depth), treat on the basis of surface area placing one **ALTOSID® Briquet** per 100 sq ft. For applications in storm water drainage areas, sewers, and catch basins: Place one **ALTOSID® Briquet** into each catch basin. Follow the chart below to determine the number of **ALTOSID® Briquets** to use in large catch basins. Place one **ALTOSID® Briquet** per 100 sq ft of surface area up to two feet deep for storm water drainage areas. Use one additional **ALTOSID® Briquet** per two feet of water depth in areas deeper than two feet.

#### ALTOSID® BRIQUET APPLICATION CHART

Number of Briquets	Catch Basin Size	Water Depth (Feet)
1	0–1,500	0–2
2	1,500–3,000	2–4
3	3,000–4,500	4–6
4	4,500–6,000	6–8

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in cool, dry place. **Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag and box in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

To the fullest extent permitted by law, Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

Always read the label before using this product.

For more information call **1-800-248-7763**.

**www.altosid.com**

**Wellmark International**  
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Schaumburg, Illinois 60173



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Schaumburg, IL



## 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.
- Avoid contact with skin, eyes or clothing.

#### General Industrial Hygiene Considerations

#### 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; <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]; <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.