



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

##### Product Name

- **Zoecon Altosid XR Extended Residual Briquets**

##### Synonyms

- 100508841; 100508842; 100508843; 100508845; 100508846; EPA Reg. No.: 2724-421; ProLink XR Extended Release Briquets; Zoecon RF-292 Briquet

##### Product Description

- White to gray briquet.

#### 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

#### 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

#### Label elements

##### OSHA HCS 2012

**DANGER**



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

## 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** • The finished product is not considered carcinogenic because of the product's physical form. The Hazard Statement "May Cause Cancer" is presented because a component of this product contains a naturally occurring trace amount of crystalline silica (quartz) which is classified as carcinogenic to humans if inhaled. Respiratory exposure to silica dust from the finished product is not expected to occur under normal conditions of use due to the manner in which the constituents are bound. The crystalline silica in the finished product is unlikely to pose personal exposure via inhalation.

## 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	2.1%
Plaster of paris	CAS:26499-65-0	> 80.88%
Silica, crystalline - quartz	CAS:14808-60-7	< 0.82%
Other ingredients	NDA	< 17.02%

## 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**
- Keep unauthorized personnel away.  
LARGE FIRES: Dike fire control water for later disposal; do not scatter the material. Stay upwind.  
Ventilate closed spaces before entering.

### Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- No data available.

- Hazardous Combustion Products**
- Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes which may include carbon oxides, smoke fumes, unburned hydrocarbons and terpenes.

### 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. Avoid dust formation and breathing dust.

- Emergency Procedures**
- Stay upwind. Ventilate closed spaces before entering. Avoid release into the environment. Do not allow runoff into water, storm drains or drainage ditches.

### 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)  
Sweep up material and place in suitable container for disposal.

## 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.

### 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	White to gray briquet.
Color	White to gray.	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		

**Volatility**

Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		

**Flammability**

Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		

**Environmental**

Octanol/Water Partition coefficient	No data available		
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**Section 10: Stability and Reactivity****Reactivity**

- No dangerous reaction known under conditions of normal use.

**Chemical stability**

- Stable

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**Conditions to avoid**

- No data available.

**Incompatible materials**

- No data available.

**Hazardous decomposition products**

- Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes which may include carbon oxides, smoke, unburned hydrocarbons and terpenes.

**Section 11 - Toxicological Information****Information on toxicological effects**

	CAS	
Zoecon Altosid XR Extended Residual 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 • Mild irritation

GHS Properties	Classification
<b>Acute toxicity</b>	<b>OSHA HCS 2012</b> • 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>	<b>OSHA HCS 2012</b> • Classification criteria not met
<b>Carcinogenicity</b>	<b>OSHA HCS 2012</b> • Carcinogenicity 1A
<b>Germ Cell Mutagenicity</b>	<b>OSHA HCS 2012</b> • Not classified - data lacking
<b>Skin corrosion/Irritation</b>	<b>OSHA HCS 2012</b> • Classification criteria not met
<b>Skin sensitization</b>	<b>OSHA HCS 2012</b> • Classification criteria not met

STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	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)

- May cause mild irritation.

#### Chronic (Delayed)

- No data available.

### Eye

#### Acute (Immediate)

- Causes mild 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 (2.1%)	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** • Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

**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.

**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
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**Section 16 - Other Information**

- Last Revision Date**                      • 17/July/2015
- Preparation Date**                        • 17/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.
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