SECTION 1: Identification

1.1. Identification

Product form: Mixture
Trade name: Zoecon Altosid XR Extended Residual Briquets
Synonyms: 100508841, 100508842, 100508843, 100508845, 100508846, 100530326, EPA Reg. No.: 2724-421, ProLink XR Extended Release Briquets, Zoecon RF-292 Briquet, Altosid 150 Day XR Briquet

1.2. Recommended use and restrictions on use

Recommended use: Insect growth regulator.
Restrictions on use: Keep out of reach of children, Avoid contact with eyes, skin or clothing.

1.3. Supplier

Wellmark International
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173 - United States
www.centralmosquitocontrol.com

1.4. Emergency telephone number

Emergency number: 1-888-914-2082
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) Identification

2.1. Classification of the substance or mixture

GHS-US classification
Serious eye damage/eye irritation Category 2B
Carcinogenicity Category 1A
Causes eye irritation
May cause cancer

2.2. GHS Label elements, including precautionary statements

GHS-US labeling
Hazard pictograms (GHS-US)

Signal word (GHS-US): Danger
Hazard statements (GHS-US): Causes eye irritation
Precautionary statements (GHS-US): Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wash hands, forearms and face thoroughly after handling
Wear protective gloves/protection clothing/eye protection/face protection
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical advice/attention
If eye irritation persists: Get medical advice/attention
Store locked up
Dispose of contents/container to in accordance with local/regional/national/international regulations

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification: 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 naturally occurring crystalline silica (quartz) which is classified as carcinogenic to humans if inhaled. Respiratory exposure to silica dust from the finished product is not expected.
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2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on Ingredients
3.1. Substances
Not applicable
3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(x)-Methoprene</td>
<td>(CAS-No.) 15733-10-6</td>
<td>2.1</td>
</tr>
<tr>
<td>Plaster of Paris</td>
<td>(CAS-No.) 26499-65-0</td>
<td>&gt; 80.83</td>
</tr>
<tr>
<td>Silica, crystalline - quartz</td>
<td>(CAS-No.) 14808-60-7</td>
<td>&lt; 0.82</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>(CAS-No.) N/A</td>
<td>Balance</td>
</tr>
</tbody>
</table>

SECTION 4: First-aid measures
4.1. Description of first aid measures
First-aid measures general
IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash 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. If eye irritation persists: Get medical advice and attention.
First-aid measures after ingestion
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)
Symptoms/effects after eye contact
Mild eye irritation.

4.3. Immediate medical attention and special treatment, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures
5.1. Suitable (and unsuitable) extinguishing media
Suitable extinguishing media

5.2. Specific hazards arising from the chemical
Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters
Protection during firefighting
Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Emergency procedures
Keep upwind. Wear appropriate personal protective equipment, avoid direct contact.

6.1.2. For emergency responders
Protective equipment
Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Use appropriate PPE. Sweep or scoop spills, dispose of any unusable material in approved landfill.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Ensure good ventilation of the work station. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Provide local exhaust or general room ventilation. Wear personal protective equipment. Avoid contact with skin and eyes.

Hygiene measures: Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Plaster of Paris (26499-65-9)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA OSHA PEL (TWA) (mg/m³)</td>
<td>15 mg/m³ (total dust)</td>
</tr>
<tr>
<td>NIOSH NIOSH REL (TWA) (mg/m³)</td>
<td>5 mg/m³ (respirable fraction)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Silica, Crystalline - Quartz (14808-60-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH ACGIH TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable particulate matter)</td>
</tr>
<tr>
<td>OSHA OSHA PEL (TWA) (mg/m³)</td>
<td>50 µg/m³</td>
</tr>
<tr>
<td>IDLH US IDLH (mg/m³)</td>
<td>50 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>NIOSH NIOSH REL (TWA) (mg/m³)</td>
<td>0.05 mg/m³ (respirable dust)</td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls

Appropriate engineering controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Appearance: White to gray briquet.
Color: White to gray
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Slight hydrocarbon</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>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</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>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.04 g/cc (64.9 lb/ft³)</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Zoecon Altosid XR Extended Residual Briquets</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5100 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2100 mg/kg</td>
</tr>
</tbody>
</table>

Silica, crystalline - quartz (14908-60-7)

<table>
<thead>
<tr>
<th>Listed on IARC (International Agency for Research on Cancer), Listed as carcinogen on NTP (National Toxicology Program)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group: 1 - Carcinogenic to Humans</td>
</tr>
<tr>
<td>National Toxicity Program (NTP) Status: Known Human Carcinogens</td>
</tr>
<tr>
<td>In OSHA Hazard Communication Carcinogen list? Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GHS-US Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Serious eye damage/irritation</th>
<th>Causes eye irritation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cells mutagen</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>May cause cancer.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicant (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicant (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Potential health effects

Inhalation
Chronic: 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: Causes mild skin irritation.

Eye
Acute: Causes mild eye irritation.

Mutagenicity
(s)-Methoprene has been tested and found negative for mutagenicity potential.

Carcinogenicity
(s)-Methoprene is not classified as carcinogen by NTP, IARC and OSHA. 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.

Reproductive Effects
(s)-Methoprene is not a reproductive toxin.

SECTION 12: Ecological information

12.1. Toxicity

(s)-Methoprene (65733-16-6)

| LC50 Acute fish 1 | 0.76 mg/l (Exposure time: 96h - Rainbow trout) |
| LC50 Acute fish 2 | > 0.37 mg/l (Exposure time: 96h - Blue gill) |
| LC50 Acute crustacea 1 | 0.11 mg/l (Exposure time: 96h - Mysis shrimp) |
| NOEC Chronic fish 1 | 0.048 mg/l (Fathead minnow) |
| NOEC Chronic crustacea 1 | 0.014 mg/l (Mysis shrimp) |

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential

(s)-Methoprene (65733-16-6)

| Log Kow | 6.3 |

12.4. Mobility in soil

(s)-Methoprene (65733-16-6)

Mobility in soil: 10-14 days, rapidly hydrolyzed in soil.

12.5. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information
# Zoecon Altosid XR Extended Residual Briquets

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<table>
<thead>
<tr>
<th>DOT</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

**Silica, crystalline - quartz (14808-60-7)**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**FIFRA Labelling**

- **EPA Registration Number**: 2724-421
- This chemical 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.
- **FIFRA Signal Word**: Caution
- **FIFRA Hazard Statement**: KEEP OUT OF REACH OF CHILDREN.
- **FIFRA 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.
- **FIFRA 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.
- **FIFRA Environmental Hazards**: Do not contaminate water when disposing of unused product.

### 15.2. US State regulations

No additional information available

## SECTION 16: Other information

- **Date of issue**: 31 May 2017
- **Supersedes**: 17 July 2015

SDS US (GHS HazCom 2012) - CGP

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