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

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_2, 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/m3 TWA (respirable fraction)	0.05 mg/m3 TWA (respirable dust)	Not established
Plaster of paris (26499-65-0)	TWAs	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Exposure Limits Supplemental

OSHA

•Silica, crystalline - quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO2 + 2) mg/m3 TWA, total dust; (250)/(%SiO2 + 5) mppcf TWA, respirable fraction; (10)/(%SiO2 + 2) mg/m3 TWA, respirable fraction)

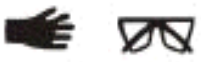
Exposure controls

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/ft3)	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		

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	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • >5100 mg/kg; Skin-Rabbit LD50 • >2100 mg/kg; **Irritation:** Eye-Rabbit • Mild irritation; Skin-Rabbit • Essentially non-irritating

GHS Properties	Classification
Acute toxicity	**OSHA HCS 2012** • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	**OSHA HCS 2012** • Classification criteria not met
Carcinogenicity	**OSHA HCS 2012** • Carcinogenicity 1A

Germ Cell Mutagenicity	**OSHA HCS 2012** • Not classified - data lacking
Skin corrosion/Irritation	**OSHA HCS 2012** • Classification criteria not met
Skin sensitization	**OSHA HCS 2012** • 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)
- 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	**Crustacea:** NOEC Crustacea Mysid shrimp 0.014 mg/L [Chronic]; 96 Hour(s) LC50 Crustacea Mysid shrimp 0.11 mg/L [Acute]; 48 Hour(s) LC50 Crustacea Daphnia magna 0.36 mg/L [Acute]; **Fish:** 96 Hour(s) LC50 Fish Rainbow Trout 0.76 mg/L [Acute]; 96 Hour(s) LC50 Fish Bluegill >0.37 mg/L [Acute]; NOEC Fish Fathead minnow 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.