

Safety Data Sheet

Date of issue: 05/31/2017 Supersedes: 02/01/2016 Version: 1.1

SECTION 1: Identification

Identification

Product form : Mixture

: Zoecon Altosid Liquid Larvicide Mosquito Growth Regulator Trade name

: 37240E, Altosid Liquid Larvicide, EPA Reg. No.: 2724-392, 100530325 Synonyms

Recommended use and restrictions on use

Recommended use : Insect growth regulator.

Restrictions on use : Avoid contact with skin and eyes, Keep out of reach of children.

Supplier

Wellmark International

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

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

Classification of the substance or mixture

GHS-US classification

Not classified

GHS Label elements, including precautionary statements

GHS-US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

Substances

Not applicable

3.2. **Mixtures**

Name	Product identifier	%
(s)-Methoprene	(CAS-No.) 65733-16-6	5
Other ingredients	(CAS-No.) N/A	Balance

SECTION 4: First-aid measures

Description of first aid measures

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.

: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. First-aid measures after ingestion Do NOT induce vomiting unless directed to do so by medical personnel.

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4.2. Most important symptoms and effects (acute and delayed)

No additional information available

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 : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Avoid heavy hose streams.

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 : Ventilate spillage area

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 : Absorb spills with an inert material, clay granules or other inert absorbent material and put in

container for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : 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 in a well-ventilated place. Keep cool. Keep only in original container.

Incompatible materials : Strong acids. Strong bases. Strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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

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Skin and body protection:

Wear suitable protective clothing





SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Creamy white, opaque liquid.

Color : Creamy white

Odor : Characteristic of hydrocarbons

Odor threshold : No data available

pH : 6.85

Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available

Flash point : No flash

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Not applicable. Vapor pressure : No data available Relative vapor density at 20 °C : No data available

Relative density : 1 (25 °C)

Solubility : No data available : No data available Log Pow Auto-ignition temperature : No data available : No data available Decomposition temperature Viscosity, kinematic : No data available Viscosity, dynamic : 165 cP (20 °C) **Explosion limits** : No data available Explosive properties : Not explosive Oxidizing properties : Not applicable

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

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

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

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Zoecon Altosid Liquid Larvicide Mosquito Growth Regulator	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h
pH	6.85

GHS-US Properties	Classification
Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cells mutagen	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicant (single exposure)	Not classified
Specific target organ toxicant (repeated exposure)	Not classified
Aspiration hazard	Not classified

Potential health effects

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.

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 - Mysid shrimp)	
NOEC Chronic fish 1	0.048 mg/l (Fathead minnow)	
NOEC Chronic crustacea 1	0.014 mg/l (Mysid 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

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SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
IMDG	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
IATA	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

FIFRA Labelling			
EPA Registration Number	2724-392		
requirements under federal pesticide law. The data sheets (SDS), and for workplace labels of	by the United States Environmental Protection Agency and is subject to certain labeling se requirements differ from the classification criteria and hazard information required for safety f non-pesticide chemicals. The hazard information required on the pesticide label is reproduced 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. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.		
FIFRA First Aid	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. opison control center or doctor for treatment advice.		
FIFRA Environmental Hazards	Environmental Hazards Do not contaminate water when disposing of rinsate or equipment washwaters or rinsate.		

15.2. US State regulations

No additional information available

SECTION 16: Other information

Date of issue : 31 May 2017 Supersedes : 01 February 2016

SDS US (GHS HazCom 2012) - CGP

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