

<b>SECTION 1: Identification</b>		
1.1. Identification		
Product form	: Mixture	
Trade name	: Zoecon Altosid Liquid Larvicide Concentrate	
Synonyms	: 37240E, EPA Reg. No.: 2724-446, Strike Professional Midge Control, Zoecor	n RF-437,
	Mosquito Growth Regulator SR-20	
1.2. Recommended use and	d restrictions on use	
Recommended use	: Insect growth regulator.	
Restrictions on use	: Avoid contact with skin and eyes. Keep out of reach of children.	
1.3. Supplier		
Wellmark International		
1501 E. Woodfield Road, Suite 200	OW	
Schaumburg, IL 60173 - United Sta	tates	
www.altosid.com		
1.4. Emergency telephone	number	
Emergency number	: 1-800-248-7763 1-800-424-9300 - CHEMTREC	
	1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accep	oted
SECTION 2: Hazard(s) ide	entification	
2.1. Classification of the su	ubstance or mixture	
GHS US classification		
GITO UO LIASSIIICALIUII		
Not classified 2.2. GHS Label elements, in	ncluding precautionary statements	
Not classified 2.2. GHS Label elements, in GHS US labeling No labeling applicable 2.3. Other hazards which do	lo not result in classification	on Standard) this
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4.2. Most important symptoms and effects	(acute and delayed)		
4.3. Immediate medical attention and spec	ial treatment, if necessary		
Treat symptomatically.			
SECTION 5: Fire-fighting measures			
5.1. Suitable (and unsuitable) extinguishin			
	Water spray. Dry powder. Foam. Carbon dioxide. Avoid heavy hose streams.		
5.2. Specific hazards arising from the cher	-		
	The product is non-reactive under normal conditions of use, storage and transport.		
5.3. Special protective equipment and pred	cautions 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 measu	Ires		
6.1. Personal precautions, protective equi			
6.1.1. For non-emergency personnel			
Emergency procedures :	Ventilate spillage area.		
6.1.2. For emergency responders			
	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			
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			
Storage conditions :	Store in a well-ventilated place. Keep cool. Keep only in original container. Keep container closed when not in use.		
SECTION 8: Exposure controls/persor	al 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/Person	nal protective equipment		
Hand protection:			
Protective gloves			
Eye protection:			
Safety glasses			
Skin and body protection:			
If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.			
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#### **Respiratory protection:**

In case of insufficient ventilation, use NIOSH approved respiratory protection.



SECTION 9: Physical and chemical properties			
9.1. Information on basic physical and c	hemical properties		
Physical state	: Liquid		
Appearance	: Creamy white, opaque liquid		
Color	: Creamy white		
Odor	: Characteristic of hydrocarbons		
Odor threshold	: No data available		
рН	: 6.24 (10% in type I water)		
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	: 1.01 g/ml		
Solubility	: Insoluble		
Partition coefficient n-octanol/water (Log Pow)	: No data available		
Auto-ignition temperature	: No data available		
Decomposition temperature	: No data available		
Viscosity, kinematic	: No data available		
Viscosity, dynamic	: 100 – 350 cP @ 20 °C (68 °F)		
Explosion limits	: No data available		
Explosive properties	: Not explosive		
Oxidizing properties	: Not applicable		
9.2. Other information			

No additional information available

SECTIO	DN 10: Stability and reactivity		
10.1.	Reactivity		
The prod	uct is non-reactive under normal conditions of use, storage and transport.		
10.2.	Chemical stability		
Stable ur	der normal conditions.		
10.3.	Possibility of hazardous reactions		
No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.			
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.

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### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

(s)-Methoprene Technical (6573	3-16-6)	
LD50 oral rat		> 34000 mg/kg
LD50 dermal rabbit		> 5000 mg/kg
LC50 Inhalation - Rat		5.19 mg/l/4h
GHS-US Properties	Classification	
Acute toxicity (oral)	Not classified	
Acute toxicity (dermal)	Not classified	
Acute toxicity (inhalation)	Not classified	
Skin corrosion/irritation	Not classified	
Serious eye damage/irritation	Not classified	
Respiratory or skin sensitization	Not classified	
Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
Specific target organ toxicity (single exposure)	Not classified	
Specific target organ toxicity (repeated exposure)	Not classified	
Aspiration hazard	Not classified	

#### Potential health effects

Inhalation	
Acute	: Under normal conditions of use, no health effects are expected.
Skin	
Acute	: Under normal conditions of use, no health effects are expected.
Eye	
Acute	: Under normal conditions of use, no health effects are expected.
Ingestion	
Acute	: Under normal conditions of use, no health effects are expected.
Mutagenicity	: (s)-Methoprene has been tested and found negative for mutagenicity potential.
Carcinogenicity	: (s)-Methoprene is not classified as a carcinogen by NTP, IARC or OSHA.
Reproductive Effects	: (s)-Methoprene is not a reproductive toxin and does not cause birth defects.

#### SECTION 12: Ecological information

12.1. Toxicity

(s)-Methoprene Technical (65733-16-6)	
LC50 Acute fish 1	0.76 mg/l (Exposure time: 96hr Oncorhynchus mykiss)
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)
LC50 Acute crustacea 2	0.36 mg/l (Exposure time: 48h Daphnia)
NOEC Chronic fish 1	0.048 mg/l (Fathead minnow)
NOEC Chronic crustacea 1	0.014 mg/l (Mysid shrimp)
<b>12.2.</b> Persistence and degradability	
(s)-Methoprene Technical (65733-16-6)	
(s)-Methoprene Technical (65733-16-6) Persistence and degradability	(s)-Methoprene degrades rapidly in sunlight, both in water and on inert surfaces. The pesticide also is metabolized rapidly in soil and does not leach. Thus, it should not persist in soil or contaminate ground water.
Persistence and degradability	(s)-Methoprene degrades rapidly in sunlight, both in water and on inert surfaces. The pesticide also is metabolized rapidly in soil and does not leach. Thus, it should not persist in soil or
Persistence and degradability	(s)-Methoprene degrades rapidly in sunlight, both in water and on inert surfaces. The pesticide also is metabolized rapidly in soil and does not leach. Thus, it should not persist in soil or

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Mobility in soil	Rapidly metabolized in soil under both aerobic and anaerobic conditions (half-life 10-14 days).
2.5. Other adverse effects	

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

#### **SECTION 15: Regulatory information**

15.1. US Federal regulations

EPA Labelling			
EPA Registration Number	2724-446		
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 Hazard statements	Caution		
FIFRA Precautionary statements	KEEP OUT OF REACH OF CHILDREN.		
FIFRA Hazards to Humans and Domestic Animals Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact eyes, or clothing. Wash thoroughly with soap and water after handling and befor drinking, chewing gum, using tobacco, or using the toilet. Remove and wash con- clothing before reuse. Prolonged or frequently repeated skin contact may cause reactions in some individuals.			
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. Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.		
FIFRA Environmental hazards Do not contaminate water when disposing of rinsate or equipment washwaters.			

#### 15.2. US State regulations

No additional information available

SECTION 16: Other information	
Issue date	: 22 September 2015
Revision date	: 08 September 2021

SDS US (GHS HazCom 2012) - CGP

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