



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **Pre-Strike Mosquito Torpedo**

Synonyms

- 3006190; 38360A; EPA Reg. No.: 2724-499; RF 2016 MT

Product Description

- Light to dark gray solid briquet.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Insect growth regulator.

Restrictions on use

- KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes, or clothing.

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.prestrike.com

Emergency telephone number

Manufacturer

- 1-800-424-9300 - CHEMTREC

Manufacturer

- 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

Manufacturer

- 1-800-347-8272

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Skin Sensitization 1

Label elements

OSHA HCS 2012

WARNING



Hazard statements • May cause an allergic skin reaction

Precautionary statements

Prevention • Avoid breathing vapors, dust, mist or spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.

Response • IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

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

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%
Gallic acid, propyl ester	CAS:121-79-9	0.13%
Calcium sulfate hemihydrate	CAS:10034-76-1	72.57%
Other ingredients	NDA	Balance

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. Get medical attention if symptoms occur.

Skin

- IF ON SKIN: Wash skin with soap and water.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.

Ingestion

- IF SWALLOWED: Call a POISON CONTROL center or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

-

May cause an allergic skin reaction in individuals with a sensitivity to Propyl gallate.
Refer to Section 11 - Toxicological Information.

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 • Use water spray or water fog.

Unsuitable Extinguishing Media • Avoid heavy hose streams.

Firefighting Procedures • Stay upwind.
Move containers from fire area if you can do it without risk.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • No data available.

Hazardous Combustion Products • Decomposes upon heating and may produce toxic vapors/gases including calcium oxides, sulfur 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 • Use appropriate Personal Protective Equipment (PPE).

Emergency Procedures • Avoid direct contact. Use normal clean up procedures. Evacuate area.

Environmental precautions

• Do NOT wash away into sewer.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • SMALL DRY SPILLS: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.
Avoid direct contact.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Avoid contact with skin, eyes, and clothing. Remove clothing immediately if product gets inside. Wash thoroughly and put on clean clothing.

Conditions for safe storage, including any incompatibilities

Storage • Do not contaminate water, food, or feed by storage or disposal. Keep container/package tightly closed in a cool, well-ventilated place. Keep only in the original container. Keep out of reach of children. Avoid humid, wet or moist conditions. Keep away from incompatible materials such as strong acids.

Incompatible Materials or Ignition Sources • Strong acids.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines • No data available.

Exposure Limits/Guidelines		
	Result	ACGIH
Calcium sulfate hemihydrate (10034-76-1)	TWAs	10 mg/m ³ TWA (inhalable fraction, listed under Calcium sulfate)

Exposure Limits Supplemental

ACGIH

• Calcium sulfate hemihydrate (10034-76-1): **TLV Basis - Critical Effects:** (nasal symptoms (listed under Calcium sulfate))

Exposure controls

Engineering

- Local exhaust ventilation.

Measures/Controls

Personal Protective Equipment

Pictograms



Respiratory

- If airborne dust is present or in case of inadequate ventilation, use appropriate NIOSH approved respiratory protection.

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.

Environmental Exposure Controls

- Avoid release to the environment.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Light to dark gray briquet.
Color	Light to dark gray.	Odor	Odorless
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	1.32 g/cc	Bulk Density	No data available
Water Solubility	Insoluble	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

- Non-reactive

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- No data available.

Incompatible materials

- Strong acids.

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
(s)-Methoprene (8.62%)	65733-16-6	Acute Toxicity: Ingestion-Oral-Rat LD50 • >34000 mg/kg; Inhalation-Rat LC50 • 5.19 mg/L; Skin-Rabbit LD50 • >5000 mg/kg; Irritation: Eye-Rabbit • Essentially non-irritating; 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
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met

STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate)** • Exposure to dust may cause nasal and respiratory irritation.
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • May cause an allergic reaction in individuals with a sensitivity to Propyl gallate. Exposure to dust may cause mechanical irritation.

- Chronic (Delayed)** • No data available

Eye

- Acute (Immediate)** • Exposure may cause mechanical 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

Mutagenic Effects

Carcinogenic Effects

- Methoprene has been tested and found negative for mutagenicity potential.
- Methoprene is not classified as carcinogen by NTP, IARC and OSHA. No other components present at 0.1% or greater are listed by IARC, OSHA or NTP.

Reproductive Effects

- Methoprene is not a teratogenic compound. The NOEL for maternal and embryotoxicity in rabbits was 200 mg/kg/day.

Section 12 - Ecological Information

Toxicity

Components		
(s)-Methoprene (8.62%)	65733-16-6	Aquatic Toxicity-Fish: 96 Hour(s) LC50 <i>Rainbow Trout</i> 0.76 mg/L [Acute] 96 Hour(s) LC50 <i>Blue Gill</i> >0.37 mg/L [Acute] NOEC <i>Fathead minnow</i> 0.048 mg/L [Chronic] Aquatic Toxicity-Crustacea: NOEC <i>Mysid shrimp</i> 0.014 mg/L [Chronic] 96 Hour(s) LC50 <i>Mysid shrimp</i> 0.11 mg/L [Acute] 48 Hour(s) LC50 <i>Daphnia magna</i> 0.36 mg/L [Acute]

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.

Bioaccumulative potential

- No data available

Mobility in Soil

- (s)-Methoprene: 10-14 days, rapidly hydrolyzed in soil.

Other adverse effects

- Potential Environmental Effects**
- Do not apply to water that drains into public waterways.

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. See product label for disposal instructions.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

- Special precautions for user**
- None specified.

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
- No data available

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

- SARA Hazard Classifications**
- Acute

FIFRA – Pesticide Labeling

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.

CAUTION

- Precautionary Statements**
- KEEP OUT OF THE REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, 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. If on skin or clothing • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

Environmental Hazards • Do not apply to water that drains into public waterways.

Inventory		
Component	CAS	TSCA
(s)-Methoprene	65733-16-6	No
Calcium sulfate hemihydrate	10034-76-1	No
Gallic acid, propyl ester	121-79-9	Yes

Section 16 - Other Information

Revision Date • 04/April/2016

Last Revision Date • 04/April/2016

Preparation Date • 04/April/2016

Disclaimer/Statement of Liability •

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