

Safety Data Sheet

AMBRANDS

Section 1: Identification

Product identifier

Product Name

- **Amdro Kills Fire Ants Yard Treatment Bait**

Synonyms

- 100511025; 100511026; 100511726; EPA Reg. No.: 73342-6; Fire ant bait; UPC #: 8-13576-00461-3; UPC #: 8-13576-00462-0

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

Recommended use

- Insecticide.

Restrictions on use

- Keep out of reach of children. Avoid contact with eyes, skin or clothing.

Details of the supplier of the safety data sheet

Manufacturer

- Ambrands
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339
United States

www.amdro.com

Emergency telephone number

Manufacturer

- 1-800-265-0761 - Ambrands

Manufacturer

- 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation)

- 1-703-527-3887 - Chemtrec US collect calls accepted

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

- OSHA HCS 2012
- Combustible Dust

Label elements

OSHA HCS 2012

WARNING

- Hazard statements**
- May form combustible dust concentrations in air.

Other hazards

OSHA HCS 2012

- This product is toxic to fish. 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	0.0172%
Hydramethylnon	CAS:67485-29-4	0.036%
Other ingredients	NDA	14.9994%
Defatted Grits	NDA	84.9474%

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 physician if symptoms persist.

Skin

- IF ON SKIN: Wash with plenty of soap and water. If irritation develops and persists, get medical 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: Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

- 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, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media

- Avoid heavy hose streams.

Firefighting Procedures

- LARGE FIRES: Dike fire control water for later disposal; do not scatter the material. As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Move containers from fire area if you can do it without risk. Stay upwind. Do not breathe gas/fumes/vapour/spray. Do not walk through spilled material. Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Eliminate ignition sources.

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

- May decompose upon heating to produce toxic gases or fumes.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. Do not allow run-off to enter waterways.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas. Keep all sources of ignition away and avoid creating dusty conditions. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE)

Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Ventilate closed spaces before entering. Contain spill and monitor for excessive dust accumulation.

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas. Runoff from fire control or dilution water may cause pollution.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Carefully shovel or sweep up spilled material and place in suitable container for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use good safety and industrial hygiene practices. Use only in well ventilated areas. Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Minimize dust generation and accumulation. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage

- Keep only in original container. Keep only in the original container/package in a cool well-ventilated place. Keep out of reach of children. Ventilate enclosed areas. Keep container tightly closed.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Exposure controls

Engineering Measures/Controls

- Local exhaust ventilation. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment). It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient

environment. Use only appropriately classified electrical equipment.

Personal Protective Equipment

Pictograms



Respiratory

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

Eye/Face

- Wear safety goggles.

Hands

- Wear protective gloves (chemical-resistant).

Skin/Body

- It is recommended for handlers to wear appropriate clothing to prevent skin contact including long sleeves, long pants, socks and shoes.

Environmental Exposure Controls

- 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. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Yellow-tan, free-flowing granules having an odor characteristic of vegetable oil.
Color	Yellow-tan, free-flowing granules.	Odor	characteristic of vegetable oil.
Taste	No data available.	Particulate Type	No data available
Particulate Size	No data available	Aerosol Type	No data available
Odor Threshold	No data available	Physical and Chemical Properties	No data available
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	No data available
Specific Gravity/Relative Density	No data available	Density	No data available
Bulk Density	20 lb(s)/ft ³	Water Solubility	Insoluble
Solvent Solubility	No data available	Viscosity	Not relevant
Explosive Properties	Combustible Dust.	Oxidizing Properties:	No data available
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	No data available
Self-Accelerating Decomposition Temperature (SADT)	No data available	Flammability (solid, gas)	No data available
Environmental			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available

Section 10: Stability and Reactivity

Reactivity

- No data available.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization not indicated. May form combustible dust concentrations in the air.

Conditions to avoid

- Heat, sparks, open flame.

Incompatible materials

- Strong acids, strong bases, and oxidizing agents.

Hazardous decomposition products

- Thermal decomposition may produce toxic vapors and/or gases.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
(s)-Methoprene (0.0172%)	65733-16-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • >34000 mg/kg • Comments: Based on (S)-Methoprene; Inhalation-Rat LC50 • >5.19 mg/L • Comments: Based on (S)-Methoprene; Skin-Rabbit LD50 • >5000 mg/kg; Irritation: Eye-Rabbit • Essentially non-irritating; Skin-Rabbit • Essentially non-irritating
Hydramethylnon (0.036%)	67485-29-4	Acute Toxicity: Ingestion/Oral-Rat LD50 • 817 mg/kg; Inhalation-Rabbit LC50 • 2.9 g/m ³ 4 Hour(s); Skin-Rabbit LD50 • >5 g/kg

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 • Classification criteria not met
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 • Classification criteria not met

Route(s) of entry/exposure • Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

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

Skin

- Acute (Immediate) • Exposure to dust may cause irritation.

- Chronic (Delayed)**
 - No data available.
- Eye**
- Acute (Immediate)**
 - Exposure to dust may cause irritation.
- Chronic (Delayed)**
 - No data available.
- Ingestion**
- Acute (Immediate)**
 - Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.
- Chronic (Delayed)**
 - No data available.
- Mutagenic Effects**
 - No data available.
- Carcinogenic Effects**
 - No data available.
- Reproductive Effects**
 - No data available.

Section 12 - Ecological Information

Toxicity

Component	CAS	Data
(s)-Methoprene (0.0172%)	65733-16-6	Crustacea: NOEC Crustacea <i>Mysid Shrimp</i> 0.014 mg/L [Chronic]; 48 Hour(s) LC50 Crustacea <i>Daphnia</i> 0.36 mg/L [Acute]; Fish: 96 Hour(s) LC50 Fish <i>Rainbow Trout</i> 0.76 mg/L [Acute]; 96 Hour(s) LC50 Fish <i>Bluegill</i> >0.37 mg/L [Acute]; NOEC Fish <i>Fathead Minnow</i> 0.048 mg/L [Chronic]
Hydramethylnon (0.036%)	67485-29-4	Aquatic Plant(s): EC50 Algae 1.4 µg/L [Acute]; Crustacea: 48 Hour(s) EC50 Water Flea <i>Daphnia magna</i> 1.14 mg/L [Acute]; Fish: 96 Hour(s) LC50 Fish <i>Rainbow Trout</i> 0.16 mg/L [Acute]

Persistence and degradability

- No data available.

Bioaccumulative potential

- No data available.

Mobility in Soil

- No data available.

Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

Other adverse effects

- This pesticide is toxic to fish.

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. Do not allow into any sewer on the ground, or into any body of water.

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	None	Consumer commodity	ORM-D	N/A	N/A
	UN3077	Environmentally Hazardous Substance, Solid, N.O.S. (contains hydramethylnon)	9	III	Marine Pollutant
IMO/IMDG	UN3077	Environmentally Hazardous Substance, Solid, N.O.S. (contains hydramethylnon)	9	III	Marine Pollutant
IATA/ICAO	UN3077	Environmentally Hazardous Substance, Solid, N.O.S. (contains hydramethylnon)	9	III	Acute Aquatic Toxicity

Special precautions for user • None known.

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

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 • SARA Title III Section 313

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 • HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION Avoid contact with skin, eyes, and clothing. Wash hands thoroughly with soap and water after handling. Prolonged contact or frequently repeated skin contact may cause allergic reactions in some individuals. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

First Aid • IF ON SKIN OR CLOTHING • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for further treatment advice.

Environmental Hazards • This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment wash waters or risate. Do not apply when weather conditions favor drift from target areas.

Inventory		
Component	CAS	TSCA
(s)-Methoprene	65733-16-6	No
Hydramethylnon	67485-29-4	No

United States

Environment

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• HydramethyInon	67485-29-4	1.0 % de minimis concentration
• (s)-Methoprene	65733-16-6	Not Listed

Section 16 - Other Information

Last Revision Date

- 10/June/2015

Preparation Date

- 10/June/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.
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