

SPLAT[®]

Verb

Bark Beetle Repellent

SPLAT is a matrix for the sustained passive release of insect pheromones. SPLAT Verb provides control of bark beetles by use of the anti-aggregation pheromone, repelling beetles from pine trees.



For Organic Production (optional marketing logo and claim)

ISCA

ACTIVE INGREDIENT:

**Bark Beetle Anti-Aggregation Pheromone
Verbenone,**

4,6,6-Trimethylbicyclo(3.1.1) hept-3-en-2-one: **10.00%**

OTHER INGREDIENTS:

90.00%

TOTAL:

100.00%

Net Contents: _____ Lbs _____ Kg

Batch Number: _____

EPA Reg. No. 80286-20

EPA Est. No. 80286-CA-004

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID STATEMENT

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.
- Call poison control center or doctor for treatment advice

IF ON SKIN OR CLOTHING:

- Wash skin immediately with soap and water, then rinse with plenty of water for 15-20 minutes
- Take off contaminated clothing.

IF SWALLOWED:

- Call poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Do not give anything by mouth to an unconscious person

HOTLINE NUMBER

- Have the product container or label with you when calling a poison control center or doctor or going for treatment
- For emergency information on (product, use, etc.), call the National Pesticide Information center at 1-800-858-7378, 6:30AM to 4:30PM Pacific Time (PT), seven days a week. During other time, call the poison control center 1-800-222-1222

General Classification: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will directly contact workers or other persons. Only protected handlers may be in the area during application. For any requirement specific to your State and Tribe, consult the State/Tribal agency responsible for pesticide regulation.

PRECAUTIONARY STATEMENTS	
<p>HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION. Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, and 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 before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.</p>	
<p>PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and handlers must wear long-sleeved shirt and long pants, socks, shoes, and waterproof gloves. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.</p>	
<p>USER SAFETY RECOMMENDATIONS: Users should remove clothing/PPE immediately if product gets underneath clothing. Then, shower cleaning skin thoroughly with soap and water and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves with soap and water before removing. Remove and wash contaminated clothing before reuse. As soon as possible wash and change into clean clothing.</p>	
<p>ENVIRONMENTAL HAZARDS: For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. If applying aerially, spray valves must be shut off when passing over surface water not under the tree canopy. Do not contaminate water when disposing of equipment washwaters or rinseate.</p>	
DIRECTIONS FOR USE	
<p>AGRICULTURAL USE REQUIREMENTS: Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is: long-sleeved shirt and long pants, waterproof gloves, socks, and shoes. Notify workers of the application.</p>	
GENERAL INSTRUCTIONS	
Mode of action	<i>SPLAT Verb</i> repels various bark beetle species (Coleoptera: Scolytidae) using synthetic anti-aggregation pheromone applied as dollops to the tree. This results in fewer successful bark beetle mass attacks on pine trees.
Target pest and sites	<i>SPLAT Verb</i> is for use on pine trees where bark beetles are or may be present.
Timing of application	<i>SPLAT Verb</i> should be applied before bark beetle flight/emergence, typically around late spring – early summer (May through June). Monitoring the pest with traps, prior to application of <i>SPLAT Verb</i> is recommended. Consult a qualified pest control advisor or ISCA Technologies to obtain correct timing for application. Supplementary control measures are advised if the pest population densities are above threshold levels.
Formulation and preparation for use	<i>SPLAT Verb</i> is a ready-to-use, thick liquid formulation. Check product 24 hours before using. If product has been stored in a refrigerated area and has hardened, allow at least 48 hours at room temperature to achieve a workable consistency. Always mix product thoroughly before use. A drill with paint mixing paddle or similar device works best. Do not mix mechanically with sharp blades which come into contact with the plastic container. This can introduce shards of plastic into the mixture, which might interfere with product flowability and application.
Application method	<i>SPLAT Verb</i> can be applied manually through small caulking gun-style dosing guns, or mechanically using pressurized backpack sprayers, or similar systems loaded onto tractors, all-terrain vehicles, or trucks. When using mechanical application equipment, calibrate the system to deliver the intended amount of material per acre as determined in the APPLICATION RATE box. Always consult a qualified pest control advisor or ISCA Technologies to ensure optimum application of product is achieved.

Placement	<i>SPLAT Verb</i> must be applied directly to the tree bole or trunk at a height of 2 meters from the ground. Product will be applied to 10-20 trees per acre depending on the size of the dollop – not to exceed 115 g AI/acre
Application rate	The application rate of <i>SPLAT Verb</i> is 75-115 g of undiluted product per tree. This is equivalent to 7.5 – 11.5 grams of pheromone active ingredient (AI) per tree. Do not exceed more than 150 grams of active ingredient (1.5 kg of <i>SPLAT Verb</i>) per acre per year. Consult a qualified pest control advisor or ISCA Technologies for the recommended rate of application.
Cleaning equipment	Clean equipment with water and citrus or limonene detergents.

USE RESTRICTIONS: Do not exceed more than 150 grams of active ingredient (1.5 kilograms of *SPLAT Verb*) per acre per year. Do not apply this product through any type of irrigation system. Do not apply *SPLAT Verb* when the ambient temperature is below 55°F or above 95°F. Do not apply if rain is expected within 2-3 hours of application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

Pesticide storage	Store product in sealed containers. <i>SPLAT Verb</i> should be refrigerated between 4 – 8 ° Celsius (39– 46 ° F). Do not freeze. If refrigeration is not available, store product in a cool dry place, out of direct sunlight. Do not exceed 75° F for long-term storage. In case of leak or spill, wipe with paper towel and dispose of waste when product hardens.
Pesticide disposal	To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).
Container disposal	Non-refillable container. Scrape any remaining product out of the container with a spatula. Do not refill or reuse this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.

WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ISCA Technologies. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ISCA Technologies makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of ISCA Technologies is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ISCA Technologies disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at ISCA Technologies' election, the replacement of product.

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