Synergy Shield Verbenone

ACTIVE INGREDIENT:
Verbenone, 4,6,8-trimethyl-bicyclo(3.1.1)hept-3-en-2-one 97.0%
OTHER INGREDIENTS:
3.0%
TOTAL:
100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID:
In eyes: Hold eye open and rinse gently with water for 15 – 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. 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 treatment advice. If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

HAVE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT. YOU MAY ALSO CONTACT 1-800-222-1222 FOR EMERGENCY MEDICAL TREATMENT INFORMATION.

Manufactured by: Synergy Semichemical Corporation, 7061 Merrill Ave., Burnaby BC, V5J 4R7 Canada

EPA Registration No. 90515-2
EPA Establishment No. 90515-CAN-001

NET CONTENTS:
10 units: (96 g) per unit; 0.346 ounces total
50 units: (96 g) per unit; 1.738 ounces total
100 units: (96 g) per unit; 3.457 ounces total

PRECAUTIONARY STATEMENTS:
Hazard to Humans and Domestic Animals - Caution: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Avoid contact with liquid contents. Do not puncture reservoir. Prior to use, open storage bag in a well ventilated area and allow any accumulated vapors to vent. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Environmental Hazards: For terrestrial use. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark, except under forest canopy. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For application to pine trees only.

Host Tree Stands: Stands containing pine trees of any species, including limber, loblolly, lodge pole, pinyon, shortleaf, Virginia, western white, and whitebark. Use on trees in forests, parks, and shade tree areas; recreational areas such as campgrounds, riparian areas, golf courses, parks and parkways, ornamental and shade tree plantings; suburban areas, and rights of way and other easements.

Pests: Verbenone is an anaggregation pheromone for Mountain pine beetle (Dendroctonus ponderosae), Southern pine beetle (Dendroctonus frontalis), Western pine beetle (Dendroctonus brevicornis) and other bark beetles. Synergy Shield Verbenone deterring mass attack in tree stands and protects susceptible trees.

APPLICATION RATE:
Placement on trees: Place Synergy Shield Verbenone on north face of susceptible trees by stapling individual pouches at 6 to 12 feet high. Attach to tree using fastening device being careful not to puncture the reservoir.

Individual trees and area 1 acre or less: Place 2 to 6 Synergy Shield Verbenone on each tree depending on risk of attack and size of tree. For large trees over 24 inches diameter, add 1 more Synergy Shield Verbenone for each additional 6 inches in diameter, 3 feet above the previous Synergy Shield Verbenone.

Perimeter Protection: On contour of perimeter, place 1 to 4 Synergy Shield Verbenone on each susceptible tree, depending on size. Continue placing Synergy Shield Verbenone on susceptible trees to a depth of 45 - 120 feet from the perimeter.

Forest stands over 1 acre, Minimum dose: 120 Synergy Shield Verbenone/acres. At low beetle pressure place 1 Synergy Shield Verbenone/acres in a grid pattern. Maximum dose: 410 Synergy Shield Verbenone/acres. At high beetle pressure place 1/2 Synergy Shield Verbenone per susceptible tree.

Timing: Place Synergy Shield Verbenone at least 2 weeks prior to expected flight of pest. Under normal weather conditions Synergy Shield Verbenone is effective for 70-100 days. Use a second treatment as needed.

Notes: For best results, remove all beetle-related trees on property before application. Once 40% of the trees in the area are infested, product efficacy may be reduced. May be used with pheromone baited traps to reduce population pressure.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. Pesticide Storage: Store in sealed storage bag below 32°F (0°C) or as cold as possible. Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Container Handling: Non-refillable device. Do not reuse or refill this device. Place empty bag in trash.
Synergy Shield Verbenone

ACTIVE INGREDIENT:
Verbenone, 4,6,8-trimethyl-bicyclo[3.1.1]hept-3-en-2-one  97.0%
OTHER INGREDIENTS:  3.0%
TOTAL:  100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID:
In eyes: Hold eye open and rinse gently with water for 15 - 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. In 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 treatment advice. If swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

HAVE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT. YOU MAY ALSO CONTACT 1-800-222-1222 FOR EMERGENCY MEDICAL TREATMENT INFORMATION.

Manufactured by:
Synergy Semichemical Corporation, 7061 Merritt Ave., Burnaby BC, V5J 4R7 Canada

NET CONTENTS:
10 units (7.84 g) per unit; 7,765 ounces total
50 units (7.84 g) per unit; 38,327 ounces total
100 units (7.84 g) per unit; 76,650 ounces total

PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Avoid contact with liquid contents. Do not puncture reservoir. Prior to use, open storage bag in a well ventilated area and allow any accumulated vapors to vent. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: For terrestrial use. Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark, except under forest canopy. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For application to pine trees only:

Heat Tree Stands: Stands containing pine trees of any species, including loblolly, loblolly, lodge pole, pinyon, shortleaf, Virginia, western white, and whitebark. Use on trees in forests, municipal and shade tree areas; recreational areas such as campgrounds, riparian areas, golf courses, parks and parkways; ornamental and shade tree plantings; suburban areas; and rights of way and other easements.

Pests: Verbenone is an antiaggregation pheromone for Mountain pine beetle (Dendroctonus ponderosae), Southern pine beetle (Dendroctonus frontalis), Western pine beetle (Dendroctonus brevicomis) and other bark beetles. Synergy Shield Verbenone deters mass attack in tree stands and protects susceptible trees.

APPLICATION RATE:
Placement on trees: Place Synergy Shield Verbenone on north face of susceptible trees by stapling individual pouches at 6 to 12 feet high. Attach to tree using flashing on device being careful not to puncture the reservoir.

Individual trees and area 1 acre or less: Place 1 or 2 Synergy Shield Verbenone on each tree depending on risk of attack and size of tree. For large trees over 24 inches diameter, add 1 more Synergy Shield Verbenone for each additional 12 inches in diameter, 3 feet above the previous Synergy Shield Verbenone.

Perimeter Protection: On contour of perimeter, place 1 Synergy Shield Verbenone every 15 feet along length of perimeter. Move in 30 feet and repeat with a second line.

Forest stands over 1 acre: Minimum dose 20 Synergy Shield Verbenone/acre. At low beetle pressure, place 1 Synergy Shield Verbenone/tree in a grid pattern. Maximum dose, 60 Synergy Shield Verbenone/acre. At high beetle pressure place 1-2 Synergy Shield Verbenone/tree in a grid pattern.

Timing: Place Synergy Shield Verbenone at least 2 weeks prior to expected flight of the pest. Under normal weather conditions Synergy Shield Verbenone is effective for 70-100 days. Use a second treatment as needed.

Notes: For best results, remove all beetle-infested trees on property before application. Once 40% of the trees in the area are infested, product efficacy may be reduced. May be used in combination with other methods to reduce population pressure.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. Pesticide Storage: Store in sealed storage bag below 32°F (0°C) or as cool as possible. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable device. Do not reuse or refill this device. Place empty bag in trash.