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56644-8

Page 17 10
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 18 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

BEVERLY RANDALL
SECURITY PRODUCTS COMPANY OF DELAWARE, INC.
BOX 59084
MINNEAPOLIS, MN. 55459

Subject: Label Amendment Submission of 12/3/93 Response to PR Notice 93-7
EPA Reg. No. 56644-8
SECURITY BRAND 50% SEVIN WETTABLE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

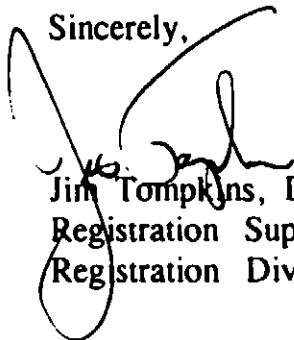
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Beverly Randall
SECURITY PRODUCTS COMPANY OF DELAWARE, INC
BOX 59084
MINNEAPOLIS MN 55459

Comment for: EPA Reg Nr.56644-8
SECURITY BRAND 50% SEVIN WETTABLE

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

The bodywear requirement for early entry in the
Agricultural Use Requirements box on your proposed labeling
is missing or incorrect. Remove the incorrect requirement
(if any) and add "Coveralls". The exact location is shown
in Sections F and G on Part 2 of the Product Worksheet in
Supplement Three-A to PR Notice 93-7.

Security Brand 50% SEVIN® WETTABLE

**FOR AGRICULTURAL AND
COMMERCIAL USE ONLY**

ACTIVE INGREDIENT:	
Carbaryl (1-Naphthyl N-methylcarbamate)	50.00%
INERT INGREDIENTS:	50.00%
	TOTAL 100.00%

*Trademark of Rhone-Poulenc for carbaryl insecticide.

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 56644-8
EPA Est. 769-GA-1

Net Contents: 5 Pounds

Manufactured For:

Security Products Co.
of Delaware, Inc.
Minneapolis, MN 55459

ACCEPTED
with COMMENTS
to EPA Letter Dated

MAR 18 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

56644-8

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

N-METHYL-CARBAMATE

CAUTION: May be harmful if swallowed. Avoid breathing vapors (dust or spray mist). Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT:

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

IF INHALED: Remove victim to fresh air.

IF IN EYES: Flush eyes with water.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, opiates or cholinesterase-inhibiting drugs.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine invertebrates. For terrestrial uses, do not apply directly to water except for rice uses, or to areas where surface water is present or to intertidal areas below the mean high water mark.

Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes.

PROTECT BEES: This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labelling.

Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

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), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

PREHARVEST AND GRAZING LIMITATION: No post-treatment time limitation on application to beans, blueberries, carrots, corn, forage or fodder, cucumbers, eggplant, grapes, melons, okra, peas, peppers, potatoes, pumpkin, summer squash, sweet corn, tomatoes, winter squash. Allow 1 day between application and harvest of apples, cherries, peaches, pears, plums, prunes and strawberries. Allow 3 days between application and harvest of alfalfa, broccoli, Brussels sprouts, cabbage, cauliflower, cowpeas, kohlrabi, head lettuce, garden beets (roots), horseradish, parsnips, radishes, rutabagas, salsify (roots) and turnips (roots). Allow 7 days between application to poultry and game birds or poultry and game bird premise treatments and slaughter, and between application and harvest of blackberries, boysenberries, cotton, dewberries, loganberries and raspberries. Allow 14 days between last application and harvest of Chinese cabbage, collards, dandelion, endive (escarole), garden beets (tops), kale, leaf lettuce, mustard greens, parsley, salsify (tops), spinach, Swiss chard and turnips (tops). If SEVIN insecticide is used in accordance with label directions, the above crops, including bean vines, carrot tops, pea vines may be grazed or harvested for use as feed for dairy and meat animals without resulting in residues in milk or meat. Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable SEVIN residues when SEVIN is used in accordance with label directions.

TREE FRUIT

Rates recommended refer to pounds of SEVIN 50W per 100 gallons of dilute spray. Keep spray mixtures well agitated. Apply for full coverage in normal spray schedules.

APPLES and PEARS (East of the Rocky Mountains): Use 1 pound for apple mealy-bug, apple aphid, codling moth and white apple leathopper. When heavy aphid infestations are present, repeated applications may be necessary for optimum control. Use 2 pounds for apple maggot, bagworm, Eastern tent caterpillar, European apple sawfly, eye-spotted bud moth, fruit tree leaf roller, green fruitworm, Japanese beetle, pear psylla, periodical cicada, plum curculio, red-banded leaf roller, rosy apple aphid, woolly apple aphid, apple rust mite, pear leaf blister mite, pear rust mite, tarnished plant bug, tentiform leafminers, Forbes scale, lecanium scales, oystershell scale, and San Jose scale. Apply at petal-fall and every 10 to 14 days thereafter until control is achieved. For optimum scale control, apply when crawlers are present. To control rosy apple aphid, apply before leaves are curled. Application of SEVIN within 30 days after full bloom may also provide fruit thinning. To avoid this, delay use until at least 30 days after bloom. May cause foliar injury if used before second cover on York and McIntosh apples.

APPLE THINNING: Many factors influence the degree of apple thinning obtained with SEVIN. These include tree age, variety and nutrition, previous crop, pruning, degree of set, bloom, weather and use of other chemical thinners. When any of these factors reduce fruit set, caution should be observed in applying SEVIN so that excessive thinning and possible yield reduction will not occur. Recommended dosages refer to pounds of SEVIN 50W per 100 gallons dilute spray. **CONCENTRATION:** Use 1/2 to 1 pound on easily-thinned varieties. Apply for full coverage. On hard-to-thin varieties, use 1 to 2 pounds. **TIMING:** Apply in one spray timed between 10 and 25 days after full bloom. Varietal response: easily-thinned varieties include Cortland, Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, and Yellow Newton. Difficult-to-thin varieties include Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steele Red, Turley, Wealthy, Yellow Transparent, and York Imperial.

PEACHES, PLUMS, PRUNES and CHERRIES: Use 2 pounds for black cherry aphid, mealy plum aphid, cherry fruit fly, cherry fruitworm, eye-spotted bud moth, fruit tree leatholler, red-banded leatholler, Japanese beetle, lesser peach tree borer, peach twig borer, plum curculio, prune leathopper, brown soft scale, Forbes scale, lecanium scales, oystershell scale, and San Jose scale. Apply at petal-fall and every 10 to 14 days thereafter until control is achieved. For optimum scale control, apply when crawlers are present. For lesser peach tree borer, spray limbs and trunk thoroughly. Make applications during appearance of the moth in early to late summer. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Use 1 1/2 pounds for Eastern tent caterpillar, codling moth, orange tortrix, and tussock moth.

PECANS

PECAN WEEVIL and PECAN NUT CASEBEARER on pecans: Apply 3 to 5 pounds of 50% SEVIN WETTABLE per 100 gallons of water for high gallonage equipment (200 to 300 gallons per acre). This would be equivalent to approximately 7 to 12 pounds of 50% SEVIN WETTABLE per acre for concentrate sprayers and airplanes.

SMALL FRUIT

Rates recommended refer to pounds of SEVIN 50W per acre. Use sufficient spray gallonage to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary for control.

GRAPE: Use 2 to 4 pounds for European fruit lecanium, grape leaf folder, grape leathopper and grape leaf skeletonizer. Apply just before first brood leaf folder larvae emerge from rolls and as needed for leathoppers. Use 4 pounds for grape berry moth, Japanese beetle, June beetles and red-banded leaf roller. A dilute spray of 200 gallons per acre is suggested.

STRAWBERRIES: Use 2 to 4 pounds for meadow spittlebug, strawberry leatholler and strawberry weevil. A dilute spray of 100 to 200 gallons per acre is suggested.

BLUEBERRIES: Use 3 to 4 pounds for blueberry maggot, cherry and cranberry fruitworms, European fruit lecanium and Japanese beetle. Apply 3 weeks before harvest and repeat in 10 days or as necessary. A dilute spray of 125 to 150 gallons per acre is suggested.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES and RASPBERRIES: Use 4 pounds for Japanese beetle, leathollers, leathoppers and raspberry aphid. A dilute spray of 100 to 200 gallons per acre is suggested.

TOBACCO

IN PLANT BEDS: For tobacco flea beetle, use 4 level tablespoons per gallon or 2 pounds per 50 gallons and apply 6 gallons per 100 square yards. For green June beetle grubs, use 1 pound per 100 gallons of water when insects or their damage appear. Apply only to areas that larvae have uprooted by sprinkling as a dranch with 50 to 100 gallons per 100 square yards. May be applied before or after seeding. Avoid excessive application; plant injury may result.

IN FIELDS: For budworms, flea beetles, Japanese beetle, June beetles and hornworms, use 2 to 4 pounds in 50 to 100 gallons of water per acre. Full coverage of plants is essential. Use lower rate for young plants up to knee high; higher rate on mature plants. Begin treatments when worms are small.

Avoid excessive application in bud of plant as plant injury may result. Treated fields may be entered immediately after foliage has dried. If late applications are necessary, allow three days before priming or cutting.

VEGETABLES

Rates recommended refer to pounds of SEVIN 50W per acre. Where a dosage rate is indicated, use lower rate on young plants; higher rate on mature plants. Use sufficient spray gallonage to obtain full coverage. Keep spray mixture well agitated. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary unless shorter interval is specified.

BEANS (Green Beans, Lima Beans, Snap Beans, Cowpeas and Black-Eyed Peas): Use 1 pound for Mexican bean-beetle; 2 pounds for bean leaf beetle, cucumber beetles, flea beetles, Japanese beetle, leathoppers, velvet bean caterpillar, and Western bean cutworm. Use 2 to 3 pounds for armyworms, corn earworm, stink bugs and tarnished plant bug.

CORN: Use 2 to 4 pounds for corn earworm, corn rootworm grub, European corn borer, fall armyworm, flea beetles, Japanese beetle, stp beetles and leathoppers. For larvae in whorl (budworm damage) and foliage leathoppers, apply to entire plant. Repeat as necessary. For insects attacking silks and ears apply at 2 to 3 day intervals starting when first silks appear and continuing until silks begin to dry. Three or more applications may be required depending on severity of infestation. Timing and good coverage are absolutely essential for effective control. Application of this product to the tassal region of corn during the pollen-shed period will seriously reduce bee populations.

CUCUMBERS, MELONS, PUMPKINS and SQUASH: Use 1 to 2 pounds for pickleworm and melonworm; 2 pounds for cucumber beetles, flea beetles, leathoppers and squash bugs. Avoid excessive applications. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity. SEVIN injures watermelons in Florida.

GARDEN PEAS: Use 2 pounds for leathoppers, Colorado potato beetle. For Colorado potato beetle control, apply to weeds in fields of garden peas to help prevent insect contamination in processed peas. Use 2 to 3 pounds for armyworms and grasshoppers.

POTATOES, TOMATOES, EGGPLANTS and PEPPERS: Use 1 to 2 pounds for Colorado potato beetle, flea beetles and leathoppers. Use 2 to 4 pounds for European corn borer, fall armyworm, lacebugs, tomato fruitworm, tomato hornworm, tarnished plant bugs and stink bugs.

OKRA: Use 2 to 4 pounds for corn earworm and stink bugs. Repeat at 5 to 7 day intervals as necessary.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER and KOHLRABI: Use 1 to 2 pounds for flea beetles and harlequin bug. Use 2 to 4 pounds for armyworms and corn earworm.
CARROTS, CHINESE CABBAGE, COLLARDS, DANDELION, ENDIVE (ESCAROLE), GARDEN BEETS, HORSE RADISH, KALE, LETTUCE, MUSTARD GREENS, PARSLEY, PARSNIPS, RADISHES, RUTABAGA, SALSIFY, SPINACH, SWISS CHARD and TURNIPS: Use 1 to 2 pounds for flea beetles, harlequin bug and leafhoppers. To control six-spotted leafhopper (aster yellow's vector), apply 2 to 3 pounds in a 5 to 7 day schedule. Use 2 to 4 pounds for armyworms, imported cabbageworm, diamondback moth larvae, corn earworm, tarnished plant bug and stink bugs. For optimum control of corn earworm after lettuce heads begin to form, use 4 pounds in a 5 to 7 day schedule.

FORAGE AND FIELD CROPS

Rates recommended refer to pounds of SEVIN 50W per acre. Use sufficient spray gallonage to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear and repeat 7 to 14 days later if necessary. See specific directions for grasshopper control.

ALFALFA, CLOVERS, COWPEAS, PEANUTS and SOYBEANS: Use 1 to 2 pounds for blister beetles and Mexican bean beetles. Use 2 pounds for alfalfa caterpillar, bean leaf beetle, cucumber beetles, green cloverworm, Japanese beetle, leafhoppers, three-cornered alfalfa hopper, thrips and velvet bean caterpillar. Use 2 to 3 pounds for armyworms, corn earworms, stink bugs and webworms. **ON COWPEAS ONLY,** use 4 pounds for cowpea curculio. Apply 4 applications beginning at first bloom and at 5 day intervals thereafter. Some leaf injury may occur if applications are made when tender foliage is wet.
RICE, FORAGE GRASSES and PASTURE: Use 2 to 3 pounds for armyworms, stink bugs and thrips. For thrip control in grasses grown for seed, high spray pressure may help penetration into boot. **ON RICE ONLY, WARNING!** Do not apply before heading if DPA Herbicides (such as "Stam" F-34 or "Rogue") have been or will be applied—plant injury may result. Do not use on rice fields in which crayfish and/or catfish farming is included in the cultural practice.
SORGHUMS (including MILO and GRAIN SORGHUM): Use 2 to 4 pounds for armyworms, corn earworms, stink bugs and webworms. For optimum insect control on grain sorghum, direct spray into the forming heads. Use 3 pounds for sorghum midge. Treatment for sorghum midge control should be made 3 to 4 days after heads have emerged from boot.

SUGAR BEETS: Use 2 to 4 pounds for armyworms, leafhoppers, and webworms.

GRASSHOPPERS

Apply 1 to 3 pounds as often as necessary to control grasshoppers on the above crops. A 1 to 2 pound rate is suggested for nymphs on small plants or sparse vegetation in wasteland, rangeland, ditchbanks and borders. A 2 to 3 pound dosage should be used when grasshoppers are mature or material is applied to crops requiring greater coverage.

ORNAMENTALS

SEVIN 50W at recommended concentrations can be safely used on a wide range of ornamental plants, flowers, shrubs and shade trees including roses, carnation, gladiolus, zinnia, chrysanthemum, lilac, arbor vitae, juniper, hydrangea, azalea, elm, maple, oak, dogwood, birch and pines. SEVIN injures Boston Ivy and Virginia creeper. Use 2 pounds per 100 gallons when insects or their damage appear. Repeat weekly or as needed to control:

Apple aphid	Japanese beetle	Plant bugs
Bagworm	June beetles	Pus caterpillars
Birch leafminer	Lacebugs	Psyllids
Blister beetles	Leafhoppers	Rose aphid
Boxelder bug	Leafrollers	Rose slug
Boxwood leafminer	Mealybugs	Scale insects
Elm leaf aphid	Mimosa webworm	Tent caterpillars
Elm leaf beetle	Oak leafminers	Thorn bugs
Flea beetles	Orange tortrix	Thrips (exposed)
Gypsy moth	Periodical cicada	Willow leaf beetle

LAWNS

Use 2 pounds SEVIN 50W in 150 to 200 gallons of water for each 5000 square feet of established lawn area for the control of ants, chinch bugs, earwigs, fall armyworm, fleas, leafhoppers, mosquitoes, and webworms (lawn moths), and millipedes. Use garden hose sprayers or pressure-type equipment and apply full water volume to insure good penetration of turf. For best results, mow lawn and apply immediately after rain or watering. Repeat 2 to 3 weeks later if necessary.

POULTRY

CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS, AND PIGEONS: Direct mist spray on birds. Control northern fowl mite, chicken mite, lice and fleas by:

- 1) Misting with electric fog machine: Mix 10 ounces of SEVIN 50W in 1 gallon of spray. Use 1½ gallons per 1000 hens in cages, on litter or slatted floor. Repeat in 4 weeks if necessary, or
- 2) Spraying with knapsack or cylinder-type compressed air sprayers. Mix 6 ounces of SEVIN 50W in 5 gallons of spray. Use 1 gallon per 100 hens in cages on litter or on slatted floor. Repeat in 4 weeks if necessary.

Direct mist spraying for chicken mites and fleas is a supplement to spraying roosts and buildings for control of these pests. Spray roosts and buildings with conventional power spray or knapsack equipment. For chicken mite, fleas and bedbugs, use 2 pounds per 25 gallons of water. For fowl ticks, use 8 pounds per 25 gallons of water. Spray 1 to 2 gallons per 1000 square feet of wall, bedding, litter or roost surfaces. Force spray into cracks and crevices. Repeat as needed. Ventilate while spraying. Do not use within 7 days of slaughter. Avoid contamination of nests, eggs and feeding and watering troughs.

NOTE

Compatible with commonly used insecticides and fungicides but unstable when used with alkaline materials such as Bordeaux, lime sulfur, and casein-lime spreaders. Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of several days' duration following spraying. Does not control spider mites but is compatible with all common miticides.

STORAGE AND DISPOSAL

STORAGE: Store pesticide in original container and place in a locked storage area. Opened pesticide containers should be securely resealed prior to storage. Protect from penetration of moisture, excessive heat or cold. Avoid cross-contamination with other pesticides or fertilizers. Use caution when storing pesticides in stacks.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE: Security Products Co. of Delaware, Inc. warrants that this product conforms to the chemical description on its label and when used in accordance with the directions on the label and under normal conditions, is reasonably fit for the purposes stated on this label. SECURITY PRODUCTS CO. OF DELAWARE, INC. MAKES NO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, EXCEPT AS STATED ABOVE. Ineffectiveness or other

unintended consequences may result because of such factors as environmental conditions, conditions of application and other conditions relating to the use and handling of this product. All such risks are assumed by the purchaser. SECURITY SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.