



STARBAR GX-118[®]

EMULSIFIABLE LIQUID

A BEEF AND CALVE-FATTING, PASTURE CARE, INSECTICIDE
FOR THE CONTROL OF LICE, MITES, FLIES, WORMS,
CATTLE TIRES, WINTER TIRES, AND STAR-
BARRIES, SANITIC WANTS, AND SCABIES MITES

AND

A SWINE INSECTICIDE FOR CONTROL OF LICE
AND SANITIC WANTS

ACTIVE INGREDIENTS

Non-chlorinated paraffin hydrocarbon... 11.00
Sulfonamide... 12.00
Petroleum hydrocarbon solvent... 12.00
INERT INGREDIENTS... 17.00

U.S. Patent No. 2,787,114

Contains 1 lb. Active Ingredient per gallon

WARNING

KEEP OUT OF REACH OF CHILDREN

See label directions on left panel

Read All Directions

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MADE IN U.S.A.

U.S. PATENT 2,787,114

A Treatment of Insecticide Cattle

U.S. PATENT 2,787,114

Marked and labeled for the use of cattle
and swine

Protect the treatment of livestock from other

PREVENTIVE TREATMENT
HAZARDS TO MAN AND DOMESTIC ANIMALS: MARKING CAUSES
eye and skin irritation. Do not get in eyes, on skin, or
on clothing. Wash hands thoroughly. Avoid breathing spray
mist. Wear rubber gloves, goggles, and protect the
clothing. Wash all contaminated clothing with soap and
hot water before reuse.

STATEMENT OF PRACTICAL TREATMENT: If in eyes - flush
immediately with plenty of water. If on skin - wash
immediately. If on skin - wash promptly with soap and
water. Remove contaminated clothing. If swallowed - call
a physician or poison control center immediately. Do not
induce vomiting. If spray mist is inhaled - move to
fresh air. If treatment is required get medical attention.

NOTE TO PHYSICIAN AND VETERINARIAN: GX-118 is an
organophosphate insecticide and a molluscicide
inhibitor. If signs of organophosphate poisoning are
present, atropine is a typical antidote. It is a typical
and may be administered to a ruminant with atropine. If
resisted do not force a vomit. It may present additional
hazards. Avoid symptoms of organophosphate poisoning
such as: tremors, blurred vision, weakness, nausea,
diarrhea, in the chest, vomiting, abnormal...
dizziness, palpitation, sweating, difficulty in...
system. A sign of toxicity to animals include salivation,
labored breathing, loss of reflexes, staggering, and
prolonged death.

EMULSIFIABLE LIQUID: This product is toxic to fish,
birds, and wildlife. Do not apply directly to lakes,
streams, or ponds. Do not contaminate water by cleaning of
equipment or disposal of wastes. Apply this product only
as directed on this label.

PRECAUTIONS: Protect from temperatures
below 20°F.

DO NOT FEED TO: It is a violation of Federal law to
use this product in a manner inconsistent with its
labeling.

DO NOT TREAT: Do not treat non-ruminant dairy cattle within 48 days of
parturition.

To Control	Method	Frequency	Application Rate
Lice	Top Dressing	21-30 days	1.00
Scabies	Top Dressing	14-21 days	1.00
Winter Tires	Top Dressing	14-21 days	1.00
Star-Barricade	Top Dressing	14-21 days	1.00
Saniticide	Top Dressing	14-21 days	1.00
Swine Lice	Top Dressing	14-21 days	1.00
Swine Saniticide	Top Dressing	14-21 days	1.00

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VETERINARY MEDICINE DIVISION

SCABIES MITES CONTROL:
For control of scabies mites, two treatments, 10-14
days apart are required.

DIP SOLUTION:
Before changing vat, empty out old contents and
thoroughly clean the vat. Add water to the vat. Add
GX-118 at a rate of 1 gallon to each 100 or 200
gallons water. See Storage and Disposal statement on
this label.

TOP DRESSING: Add Super Phosphate at a rate of 100
pounds per 100 gallons of vat solution. Super
phosphate is added to control the pH of the solution
and ensure vat stability. Super phosphate is usually
available at most fertilizer dealers as 0-45-0 or
0-46-0.

Wash the vat thoroughly, preferably with a compressed
air device, before and after each use. Do not use as
equipment for other purposes.

Wash vat contents prior to each use.

DEFOLIANT:
Use in the dipping operation, each time the vat's
volume is reduced by 10 to 14 of its initial
volume, results as follows:

Replace vat with water and add GX-118 at a
rate of 1 gallon for each 100 or 200 gallons
water used.

IMPORTANT: Do not use in water by recirculation to
maintain an average of 2 to 3. Do not use in
recirculation. Do not use in water by recirculation
at recirculation. Do not use in water by recirculation
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DO NOT FEED TO: Do not feed to non-ruminant dairy
cattle within 48 days of parturition. Do not feed to
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At the 1.00 application rate, one gallon of GX-118
with 100 gallons of water and still to supply. Apply
as directed for the 1.00 application rate. For cattle,
do not apply within 1 day of slaughter. For swine,
do not apply within 1 day of slaughter.

OFFICIAL INFORMATION: Recommended in Federal or State
quarantine programs. It is required that livestock
use this as a full use. Consult State or Federal
authorities for detailed information. Do not consult
the label and first health care in the State,
veterinary services.

WARNINGS:

1. GX-118 is a carbamate insecticide. Do not use
this product on animals simultaneously or within
a few days before or after treatment with an
antidote to carbamate poisoning such as
atropine, or physostigmine. Do not use on
animals. Consult veterinarian at first sign of
poisoning.
2. Cattle may be slaughtered 21 days after treatment
at a dip rate of 1.00 or a spray rate of 1.00. Do
not slaughter 3 days after treatment.
3. Swine may be slaughtered 14 days after treatment
at a dip rate of 1.00 or a spray rate of 1.00. Do
not slaughter 3 days after treatment.
4. In swine, severe salivation, for lice and
saniticide control are usually effective. Do
not use on swine. Do not use on swine. Do not use
on swine. Do not use on swine. Do not use on swine.
5. Do not treat animals during pregnancy. Do not use
in days of pregnancy. Do not use in days of pregnancy.
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7. Do not use on animals. Do not use on animals. Do not use
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STORAGE & DISPOSAL: Do not contaminate
water, food, or feed with storage or disposal. Do not
store in a way that allows access to animals. Do not
store in a way that allows access to animals. Do not
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BEST DOCUMENT AVAILABLE



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AUG 12 1983

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Zoecon Industries
A Div. of Zoecon Corp.
12200 Denton Dr.
Dallas, TX 75234

Attn: Ms. Sally A. Jaksa

Dear Ms. Jaksa:

Subject: Amendment - Add Swine, Add Cattle Pests
Starbar GX-118
EPA Reg. No: 2724-262
Appl. Date: July 21, 1983

The amendment referred to above, submitted in connection with registration under FIFRA Sec. 3(c)(7)(B), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on swine is conditionally registered in accordance with FIFRA Sec. 29. The product information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information should be submitted to:

Process Coordination Branch
Registration Division (18-767C)
Environmental Protection Agency
Washington, D.C. 20460

3. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. Revise the ingredient statement on the labeling to show petroleum hydrocarbon solvent as part of the inert ingredients.

4. Submit five (5) copies of your final printed labeling before

you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)