

ACCEPTED
43142-44
FEB 1 1981
Under San Francisco
Regulations and Provisions

BOOTS
HERCULES

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS
AND DOMESTIC ANIMALS

WARNING

IF SWALLOWED, ABSORBED THROUGH SKIN OR
INHALED, REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE
INCREASINGLY HAZARDOUS. DO NOT BREATHE VAPORS

Use this material with extreme care. It is a cholinesterase
inhibitor. Do not get in eyes or on skin or clothing.

Wear a pesticide respirator jointly approved by the Mining
Enforcement and Safety Administration (formerly the U.S.
Bureau of Mines) and by the National Institute for
Occupational Safety and Health under the provisions of 30 CFR
Part II.

Do not touch with bare skin. Wear clean protective clothing
(rubber gloves, boots and goggles).

Remove contaminated clothing and wash skin thoroughly
with soap and water. Do not eat or smoke during exposure.
Wash hands and face before eating or smoking. After use
bathe thoroughly and change to clean clothing.

Wash all contaminated clothing with soap and hot water
before reuse.

During application keep unprotected persons away from
areas being treated or where there may be drift. Do not
contaminate feed or foodstuffs.

CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED
POISONING.

STATEMENT OF PRACTICAL TREATMENT

Remove Patient from Clertic Exposure

Never Give Anything By Mouth To An Unconscious Person

If Swallowed, See "Treatment By Physician"

If In Eyes, Wash Eyes For At Least 15 Minutes

While Holding The Eyelids Open

If Inhaled, Move The Person To Uncontaminated Area

If On The Skin, Remove Contaminated Clothing

and Immediately Wash The Skin With Soap And Water

Call A Physician Immediately In All Cases Of Suspected Poisoning

TREATMENT BY PHYSICIAN

If swallowed use gastric lavage. Avoid aspiration. Give 2 to 4
milligrams (1/30 to 1/15 grain) atropine sulfate
intravenously. Repeat at 5 to 10-minute intervals until signs of
atropinization appear (dry, flushed skin and tachycardia). If
excessive secretions occur, keep patient fully atropinized by
giving atropine every hour up to 25 to 50 milligrams in one day.
If patient fails to respond satisfactorily to atropine, give 1
gram of 2-PAM intravenously.

Artificial respiration and oxygen administration may be
necessary. Decontaminate skin, stomach and eyes as
indicated. A mild degree of atropinization should be
maintained for 24-48 hours, and the patient should be
observed continuously for 48 hours and treated
symptomatically. Respiratory irritation caused by inhaling
the formulation should be treated symptomatically.

Symptoms and signs of poisoning: headache, nervousness,
blurred vision, nausea, cramps, pain in chest, sweating,
constricted pupils, tearing, salivation, cyanosis and muscle
twitching.

This product is toxic to fish, shrimp, crab, birds and other
wildlife. Keep out of lakes, streams, and ponds.

Do not apply when weather conditions favor drift from areas
treated.

Do not contaminate water by cleaning of equipment or
disposal of wastes.

Apply this product only as specified on the label.

FLAMMABLE: KEEP AWAY FROM HEAT OR OPEN FLAME. In
case of spillage, cover with an absorbent such as soda ash,
lime, clay, or sawdust. Sweep up and bury. Wash area
thoroughly with strong detergent.

NOTICE TO DRUM HANDLERS: IN CASE OF FIRE, LEAKY OR
DAMAGED DRUMS, OR OTHER EMERGENCY, REPORT AT ONCE
BY TOLL FREE TELEPHONE TO 800-424-9300.

NONWARRANTY: Boots Hercules Agrochemicals Co. warrants that
this product conforms to the chemical description on the label. When
used in accordance with the label, it is warranted to be effective
against the pests listed on the label. Boots Hercules Agrochemicals Co.
does not warrant the effectiveness of this product when used in
conjunction with other pesticides or when used in conjunction with
other agricultural practices. Boots Hercules Agrochemicals Co. does
not warrant the effectiveness of this product when used in conjunction
with other agricultural practices.

CLERTIC

DELNAV EMULSIFIABLE LIQUID

For Control of Ticks, Hornflies, Keds and
Wool Maggots on Cattle, Swine, Sheep,
Goats, and Horses

No Waiting Period Between Last Application
and Slaughter

Protects Against Reinfestation

PERMITTED FOR USE IN OFFICIAL DISINFESTATION

INGREDIENTS
ACTIVE INGREDIENTS

Dichloron (2,3,3-trichloro-4,4-dihydroxy-1,2-diphenylethane-1,2-dione)
(phosphorodichloronate)

Related Compounds

Kerosene

INERT INGREDIENTS

1 GALLON CONTAINS 2.57 POUNDS OF DELNAV

EPA REG. NO. 43142-44

43142-44

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MADE EXCLUSIVELY BY BOOTS HERCULES AGROCHEMICALS CO., WILM., DE.

NET CONTENTS 1 GALLON

BOOTS
HERCULES

MENTS

DIRECTIONS FOR USE

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MALS)

TO THROUGH SKIN OR
OUT SYMPTOMS. BE
THE VAPORS.

is a cholinesterase
inhibitor.

used by the Mining
Industry for the U.S.
Department of the Interior
for the provisions of 30 CFR

protective clothing

in skin thoroughly
during exposure
making. After use
wash with soap and hot water

persons away from
the drift. Do not

USES OF SUSPECTED

TREATMENT
Exposure
conscious Person
Physician
15 Minutes
Open
Irrigated Area
Red Clothing
Soap And Water
Suspected Poisoning

TREATMENT BY PHYSICIAN
If swallowed use gastric lavage. Avoid aspiration. Give 2 to 4
milligrams (1/30 to 1/15 grain) atropine sulfate
intravenously. Repeat at 5 to 10 minute intervals until signs of
atropinization appear (dry, flushed skin and tachycardia). If
excessive secretions occur, keep patient fully atropinized by
giving atropine every hour up to 25 to 50 milligrams in one day.
If patient fails to respond satisfactorily to atropine, give 1
gram of 2-PAM intravenously.

Artificial respiration and oxygen administration may be
necessary. Decontaminate skin, stomach and eyes as
indicated. A mild degree of atropinization should be
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observed continuously for 48 hours and treated
symptomatically. Respiratory irritation caused by inhaling
the formulation should be treated symptomatically.

Symptoms and signs of poisoning: headache, nervousness,
blurred vision, nausea, cramps, pain in chest, sweating,
constricted pupils, tearing, salivation, cyanosis and muscle
twitching.

ENVIRONMENTAL HAZARD
This product is toxic to fish, shrimp, crab, birds and other
wildlife. Keep out of lakes, streams and ponds.

• Do not apply when weather conditions favor drift from areas
treated.

• Do not contaminate water by cleaning of equipment or
disposal of wastes.

• Apply this product only as specified on the label.

FLAMMABLE: KEEP AWAY FROM HEAT OR OPEN FLAME. In
case of spillage, cover with an absorbent such as soda ash,
lime, clay, or sawdust. Sweep up and bury. Wash area
thoroughly with strong detergent.

NOTICE TO DRUM HANDLERS: IN CASE OF FIRE, LEAK, OR
DAMAGED DRUMS, OR OTHER EMERGENCY, REPORT AT ONCE
BY TOLL FREE TELEPHONE TO 800-424-9600.

NONWARRANTY: This product is sold as is. Boots Hercules
Agrochemicals Co. does not warrant the performance of this
product under any conditions. The user assumes all liability
for the use of this product. Boots Hercules Agrochemicals Co.
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CLERTIC

DELNAV EMULSIFIABLE LIQUID

For Control of Ticks, Hornflies, Keds and
Wool Maggots on Cattle, Swine, Sheep,
Goats, and Horses

No Waiting Period Between Last Application
and Slaughter

Protects Against Reinfestation

PERMITTED FOR USE IN OFFICIAL DIPPING

INGREDIENTS
ACTIVE INGREDIENTS

Phosphorus triphenyl phosphine oxide 25

Phosphorus triphenyl phosphine oxide 57

Phosphorus triphenyl phosphine oxide 13

INERT INGREDIENTS

1 GALLON CONTAINS 2.57 POUNDS OF DELNAV

Phosphorus triphenyl phosphine oxide 100

By Weight

43142-44

WAITING

SEE THE LABEL FOR ALL OTHER INFORMATION AND STATEMENTS

MADE EXCLUSIVELY BY BOOTS HERCULES AGROCHEMICALS CO. WILM., DE 19803

NET CONTENTS 1 GALLON

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It is a violation of Federal law to use this product in a manner
inconsistent with its labeling.
Controls Ticks, Lice, Hornflies, Keds and Wool Maggots on
Cattle, Swine, Sheep, Goats and Horses

DO NOT USE

Do not use on food crops

Do not use concentrations greater than those recommended

Do not use on dairy animals or in dairy barns

Do not dip animals under 3 months of age

Do not dip or spray goats

Do not apply to the face

SPRAY OR DIP

Mix 1 gallon CLERTIC in 200 gallons of water. Mix thoroughly.
Spray or dip as required. Repeat application when necessary
but not more often than once every two weeks. No waiting
period required between last application and slaughter.

RESIDUAL PROTECTION

CLERTIC provides long-lasting protection against
reinfestation of ticks and 3-week protection against hornflies.
A single treatment is usually sufficient for lice and keds. For
biting lice on goats, a second application after 21 days may be
needed for complete clean up. CLERTIC is useful in providing
up to 2 months' protection against wool maggots.

SPRAYING

Make sure spray is thoroughly mixed before application.
Spray to thoroughly wet animals for best results. Do not allow
animals to drink from runoff pools.

DIPPING

Thoroughly mix CLERTIC and water in vat before dipping.
Wet animals before dipping to prevent drinking of dip wash.
In routine dipping, if it is necessary to treat animals under the
age of 3 months, spraying is recommended. In quarantine
dipping for fever tick control, when animals of all ages must be
dipped, individual hand immersion of young animals is
essential to avoid swallowing of dip wash.

REPLENISH
Add 1 gallon of
added to dipping

Amount of CLERTIC

8 oz

1 pint

1 qt

2 qts

BACK RUBBER

As an aid in the
dilute CLERTIC
or light motor
Spray animals

FOUR-ON

To control horn
with 49 gallons
back line of ear
30 days

STORAGE

Not for storage

Do not contaminate

disposal

Open dump

Triple-rinse

dipping, or disposal

place

Pesticide spray

chemically process

approved for use

water supplies

Consult Federal

approved after

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**BOOTS
HERCULES
AGROCHEMICALS**

DIRECTIONS FOR USE

CLERTIC

DELNAV EMULSIFIABLE LIQUID

For Control of Ticks, Hornflies, Keds and Wool Maggots on Cattle, Swine, Sheep, Goats, and Horses

No Waiting Period Between Last Application and Slaughter

Protects Against Reinfestation

PERMITTED FOR USE IN OFFICIAL DIPPING

INGREDIENTS

ACTIVE INGREDIENTS

DELTAMETHRIN 0.05%
PYRETHROID 0.05%
KARATE 0.05%

INERT INGREDIENTS

1 GALLON CONTAINS 2.57 POUNDS OF DELNAV

27.4% DELTA 0.05% KARATE 0.05%

By Weight

100

**KEEP OUT OF REACH OF CHILDREN
WARNING**

SEE RIDER AND LABEL FOR IMPORTANT PRECAUTIONARY STATEMENTS

MADE EXCLUSIVELY BY BOOTS HERCULES AGROCHEMICALS CO. WILM. DE 19803

NET CONTENTS 1 GALLON

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Controls Ticks, Lice, Hornflies, Keds and Wool Maggots on Cattle, Swine, Sheep, Goats and Horses.

CAUTION:

Do not use on food crops.
Do not use concentrations greater than those recommended.
Do not use on dairy animals in dairy barns.
Do not dip animals under 3 months of age.
Do not dip or spray goats.
Do not apply to dairy goats.

SPRAY OR DIP

Mix 1 gallon CLERTIC in 200 gallons of water. Mix thoroughly. Spray or dip as required. Repeat application when necessary but not more often than once every two weeks. No waiting period required between last application and slaughter.

RESIDUAL PROTECTION

CLERTIC provides long lasting protection against reinfestation of ticks and a week protection against hornflies. A single treatment is usually sufficient for lice and keds. For biting lice on goats, a second application after 21 days may be needed for complete clean up. CLERTIC is useful in providing up to 2 months' protection against wool maggots.

SPRAYING

Make sure spray is thoroughly mixed before application. Spray thoroughly wet animals for best results. Do not allow animals to drink from troughs.

DIPPING

Thoroughly mix CLERTIC and water in vat before dipping. Water animals before dipping to prevent drinking of dip wash. In routine dipping, it is unnecessary to treat animals under the age of 3 months. Spraying is recommended in quarantine dipping for control of ticks. When animals of all ages must be dipped, individual hand immersion of young animals is recommended and swabbing of dip wash.

REPLENISHMENT

Add 1 gallon of CLERTIC to each 200 gallons of fresh water added to dipping vat or control replenishment by vat side test.

Amount of CLERTIC	Volume of Water Spray or Dip	Volume of Oil Back Rubber Use Only
8 oz	12 gal	1 gal and 3 qts
1 pint	25 gal	2 gal
1 qt	50 gal	5 gal
2 qts	100 gal	10 gal

BACK RUBBERS

As an aid in the control of hornflies and lice on beef cattle, dilute CLERTIC at the rate of 1 gallon to 19 gallons of diesel fuel or light motor oil. Change rubbing device as required. Do not spray animals with this oil solution.

POUR-ON

To control hornflies on beef cattle dilute 1 gallon of CLERTIC with 49 gallons of water and apply 1 quart of solution along the back line of each animal. Do not retreat more often than every 30 days.

STORAGE

Not for storage in or around the home environment. Do not contaminate water, food, or feed by storage or disposal.

Open dumping is prohibited.

Transfer to a container and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

Pesticide spray mixture or residue that cannot be used or chemically processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Consult Federal, state, or local disposal authorities for approved alternative procedures.

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