

SPECIMEN LABEL
 REDUCED TO 70%



Dursbock 2EC ins

Controls Numerous Pests of Home
 Turf, and Ornamental Plants. Also Re
 Mosquito Control and Area Control of T

*To Be Applied Only By or Under the Supervision of Pest Control
 Mosquito Abatement Districts, and Other Trained Personnel*

ACTIVE INGREDIENTS

Chlorpyrifos, O,O diethyl O (3,5,6-trichloro-2-pyridyl)	24.1%
phosphorothioate	59.4%
Xylene range aromatic solvent	16.5%

INERT INGREDIENTS

Contains 2 pounds of chlorpyrifos per gallon
 E.P.A. Registration No. 464-586 E.P.A. Est. 464-MI-1

PRECAUCION A USAR: Sustenerse en las instrucciones de uso de este producto hasta que
 la etiqueta haya sido expuesta ampliamente
 TO USE: Read the label carefully. Do not use if
 the label is missing or if you are not sure of the instructions.

KEEP OUT OF REACH

WARNING

**MAY BE FATAL IF
 MAY BE INJURED
 ADDITIONAL PRECAUTIONS**

In case of an emergency
 517-636-4400

AGRICULTURE
 Do Not Ship or Store

18.93 L / 5 gal

86-1797 PRINTED IN U.S.A. IN MAY 1983
 THIS IS THE INITIAL PRINTING.

ACCEPTED
AUG 23 1954

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans

**MAY BE FATAL IF SWALLOWED • MAY BE A
MAY BE IRRITIOUS TO EYES AND SKIN**

**Do Not Take Internally • Do Not Get in Eyes
After Handling • Wash Contaminated Clothing
Contaminated Eyes with Plenty of Water and
Attention • Avoid Breathing Vapors and Spr.
Crops • Keep Away from Food, Feedstuffs, &
Keep Container Closed • Handle Concentra**

Statement of Practical Treatment

If Swallowed Do not induce vomiting. Contact a
physician immediately. **If On Skin** In case of contact
immediately wash skin with soap and water. **If In Eyes**
15 minutes. Call a physician.

Note To Physician: (Imparting to a physician) ~~is a cholinesterase inhibitor~~
~~Atropine only by injection is an antidote.~~

Physical or Chemical Hazards

COMBUSTIBLE

**Do Not Use or Store Near Heat or Open Flare
Do Not Cut or Weld Container**

Environmental Hazards

This product is highly toxic to bees exposed to direct
Protective information may be obtained from your Co.
Service.

DURSBAN 2EC is toxic to fish, birds, and other wildlife.
Shrimp and crabs may be killed at application rates re-
apply where these are important resources. Do not ap-
not apply when weather conditions favor drift from area
by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a man-

**READ AND FOLLOW COMPLETE DIRECTIONS
IMPORTANT INFORMATION GIVEN IN BOOKLET
CONTAINER**

STORAGE AND DISPOSAL

~~Prohibitions: Do not contaminate~~

~~Pesticide Disposal: Pesticide sprays
reprocessed should be disposed of
local disposal authorities.~~

~~Container Disposal: Triple rinse to
dispose of in a sanitary landfill or~~

~~General: Consult Federal state or
proceedings.~~

STORAGE AND DISPOSAL

Do not contaminate
by storage or disposal.

Storage: Store in or
secured. In storage
above 100°. Do not
pallets. If spill or
or dispose of as the

Pesticide disposal
are toxic. Non-persistent
pesticide sprays are
a violation of Federal
wastes according to
according to the
your State Pesticide
Control Agency or its
representative at the
Office of the State

Container disposal
pales and from pu
in a sanitary landfill
or if a written
authority is secure
out of state.

ICLAN: Chlorpyrifos is
inhibitor. Treat
if exposed plasma
ell cholinesterase tests
degree of exposure
are useful. Atropine
is the preferable
is such as 2-PAM.
be therapeutic if used
use only in
in atropine. In case of
poisoning, use antidotes
or establishing an open
operation.

**MAY BE ABSORBED THROUGH SKIN
ON SKIN**

**Get Out of Eyes or on Skin • Wash Thoroughly
with Soap and Water • Wash Contaminated
Clothing Before Reuse • Flush
Water and Get Prompt Medical
Attention • Avoid Spraying Food
Crops, and Domestic Water Supplies
Concentrate in a Ventilated Area**

**Contains aromatic petroleum solvent. Call a
doctor in case of contact, remove contaminated clothing and
rinse. If in Eyes: Flush eyes with plenty of water for
at least 15 minutes.**

Use as directed. Do not use in a confined space.

Keep Away from Open Flame

**Do not use to direct treatment or residues on plants
without the approval of your Cooperative Agricultural Extension
Agent.**

**Do not use on waterfowl. Do not apply directly to water
birds. Use rates recommended on this label. Do not
use in areas where runoff is likely to occur. Do not
use in areas where runoff is likely to occur. Do not
contaminate water bodies.**

Do not use in a manner inconsistent with its labeling.

**DIRECTIONS FOR USE AND OTHER
INFORMATION IN BOOKLET ATTACHED TO PRODUCT**

PROPER DISPOSAL

**Do not contaminate water, food or feed
with spray or disposal.**

**Store in original container in
a cool, dry storage area. Do not store
for more than 2 years. If spill occurs,
clean up as indicated on label.**

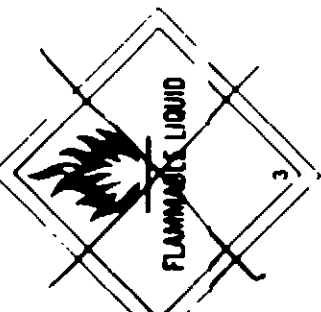
**Proper disposal: Pesticide wastes
of excess material should be
disposed of in accordance with
the label instructions. Contact
your local Pesticide or Environmental
Control Agency, or the Hazardous
Waste Agency at the nearest EPA
Regional Office for guidance.**

**Proper disposal: Triple rinse (or
equivalent) then puncture and
dispose of in a sanitary landfill,
or by incineration if allowed
by state and local officials,
or by burning if burned, stay
in container.**

**NOTICE: Seller warrants
merchantability for the product
under normal conditions.
MERCHANTABILITY does not
include the use of this product
under conditions not so
labeled.
U.S. Patent No. 3,044,600
10686-060-9
583**

**THE DOW COMPANY
Midland, MI 48666**

* Trademark of THE DOW COMPANY



SPECIMEN LABEL
(BACK)
REDUCED TO 80%

Pesticide disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the nearest waste management authority. In the absence of these agencies, contact your nearest EPA regional office for guidance.

Container disposal: Triple rinse (or equivalent) then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Page 21
Page 22

CONDITIONS and RATES for MOSQUITO CONTROL

Area and	Amount to Use per Acre		Number Acres 1 Gallon of DURSBAN 2EC Will Treat
	Flammable Liquid (oz)	Concentrate (pounds)	
50% cover	2.0 - 8	0.025 - 0.25	100 to 400
75% cover	3.0 - 12	0.037 - 0.37	60 to 40
90% cover	4.0 - 16	0.050 - 0.50	40 to 30
95% cover	5.0 - 20	0.062 - 0.62	30 to 20

Use one gallon faster knock down and longer residual control when there is 50% or more vegetative cover.

Page 21
Page 22

WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty or merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.) under abnormal conditions such as excessive rainfall, drought, hurricanes, hurricanes, etc.) or under conditions not reasonably foreseeable by or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following at the election of The Dow Chemical Company:

- (1) Refund of purchase price paid by buyer or user for product bought.
- (2) Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses. The terms of this Limit of Warranty and Liability cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Page 21
Page 22

DOSAGE for MOSQUITOES in WASTE WATER

Dosage of DURSBAN 2EC	Use Directions
2 fl. oz. per 1000 cu. ft. of water or 0.1 fl. oz. per 100 gal. of water	Pour the required amount of undiluted DURSBAN 2EC into the flowing water or apply to the water surface as a coarse, low pressure spray. Treat stagnant waters by pouring DURSBAN 2EC with sufficient water or air to obtain uniform distribution.
2 fl. oz. per 1000 cu. ft. of water	Apply directly or flush the required amount down a toilet.
0.025 fl. oz. per each basin	Step 4 fl. oz. of DURSBAN 2EC with 3 gallons of water to make 0.25% (chlorophyll) spray and apply 1/2 pint of the mixture per 100 sq. ft. of water surface. Use low pressure spray uniformly over the surface of the basin and the water surface.

1/2 pint of chlorophyll in the 100 volume of water treated.

Always wear protective clothing when handling this product. Do not eat, drink, or smoke while using this product. Wash hands thoroughly after use. Do not get this product on your clothing. Do not use this product in areas where children or animals are present. Do not use this product in areas where it may be inhaled. Do not use this product in areas where it may be ingested. Do not use this product in areas where it may be absorbed through the skin. Do not use this product in areas where it may be in contact with the eyes. Do not use this product in areas where it may be in contact with the mouth. Do not use this product in areas where it may be in contact with the nose. Do not use this product in areas where it may be in contact with the ears. Do not use this product in areas where it may be in contact with the hands. Do not use this product in areas where it may be in contact with the feet. Do not use this product in areas where it may be in contact with the face. Do not use this product in areas where it may be in contact with the neck. Do not use this product in areas where it may be in contact with the back. Do not use this product in areas where it may be in contact with the chest. Do not use this product in areas where it may be in contact with the stomach. Do not use this product in areas where it may be in contact with the intestines. Do not use this product in areas where it may be in contact with the bladder. Do not use this product in areas where it may be in contact with the kidneys. Do not use this product in areas where it may be in contact with the liver. Do not use this product in areas where it may be in contact with the lungs. Do not use this product in areas where it may be in contact with the heart. Do not use this product in areas where it may be in contact with the brain. Do not use this product in areas where it may be in contact with the spinal cord. Do not use this product in areas where it may be in contact with the nerves. Do not use this product in areas where it may be in contact with the muscles. Do not use this product in areas where it may be in contact with the bones. Do not use this product in areas where it may be in contact with the skin. Do not use this product in areas where it may be in contact with the hair. Do not use this product in areas where it may be in contact with the nails. Do not use this product in areas where it may be in contact with the teeth. Do not use this product in areas where it may be in contact with the gums. Do not use this product in areas where it may be in contact with the tongue. Do not use this product in areas where it may be in contact with the throat. Do not use this product in areas where it may be in contact with the larynx. Do not use this product in areas where it may be in contact with the trachea. Do not use this product in areas where it may be in contact with the bronchi. Do not use this product in areas where it may be in contact with the bronchioles. Do not use this product in areas where it may be in contact with the alveoli. Do not use this product in areas where it may be in contact with the capillaries. Do not use this product in areas where it may be in contact with the veins. Do not use this product in areas where it may be in contact with the arteries. Do not use this product in areas where it may be in contact with the lymphatic system. Do not use this product in areas where it may be in contact with the endocrine system. Do not use this product in areas where it may be in contact with the reproductive system. Do not use this product in areas where it may be in contact with the immune system. Do not use this product in areas where it may be in contact with the nervous system. Do not use this product in areas where it may be in contact with the circulatory system. Do not use this product in areas where it may be in contact with the respiratory system. Do not use this product in areas where it may be in contact with the digestive system. Do not use this product in areas where it may be in contact with the excretory system. Do not use this product in areas where it may be in contact with the integumentary system. Do not use this product in areas where it may be in contact with the skeletal system. Do not use this product in areas where it may be in contact with the muscular system. Do not use this product in areas where it may be in contact with the connective tissue. Do not use this product in areas where it may be in contact with the epithelial tissue. Do not use this product in areas where it may be in contact with the muscle tissue. Do not use this product in areas where it may be in contact with the nerve tissue. Do not use this product in areas where it may be in contact with the glandular tissue. Do not use this product in areas where it may be in contact with the vascular tissue. Do not use this product in areas where it may be in contact with the epithelial tissue. Do not use this product in areas where it may be in contact with the muscle tissue. Do not use this product in areas where it may be in contact with the nerve tissue. Do not use this product in areas where it may be in contact with the glandular tissue. Do not use this product in areas where it may be in contact with the vascular tissue.

THE DOW CHEMICAL COMPANY
Midland, MI 48640 U.S.A.

1801 0134

53

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Concentration	Amount of DURSBAN 2EC to Water to Make		
	3 gallons	10 gallons	100 gallons
1.00	1.00	3.33	33.33
0.50	0.50	1.67	16.67
0.25	0.25	0.83	8.33
0.10	0.10	0.33	3.33
0.05	0.05	0.17	1.67
0.025	0.025	0.08	0.83

Dursban^{*}
2EC insecticide

583

* Trademark of THE DOW CHEMICAL COMPANY

18011-013-4

PESTS OUT-OF-DOORS

General Information: Use DURSBAH ZEC insecticide for control of certain pests on outside surfaces of buildings and on awnings and ornamental plants for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings: Use DURSBAH ZEC at the rate of 2% fluid ounces per one gallon of water (0.5% chlorpyrifos equivalent) to control ants, crawler mites, cockroaches, crickets, earwigs, fleas, flies, mosquitoes, wasps, yellow sawflies, spiders and bees by application as a residual spray with a paintbrush to outside surfaces of buildings including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests can take refuge or have been seen. ~~Do not apply to surfaces that are to be painted.~~ Repeat treatment as needed to maintain effectiveness.

ants apply to and treat also ground doors and windows and wherever else these pests may find entrance. For crawler mites use a 0.5% spray only. Note: A period of 6 to 7 days is usually required for maximum effect on cockroaches.

For control of carpet beetles: thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting under carpeting rugs and ~~carpets, on curtains and on draperies. Do not apply over silk or wool fabrics.~~

For control of brown dog ticks: thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters, nearby tracks and crevices, along and behind base boards, windows and doors, frames and uncaulked areas of porches and doorways where these pests may be present. Do not apply to pet beds to be occupied and to areas where pet beds are located. ~~Do not apply to surfaces that are to be painted.~~

areas treated using special care to avoid windows and doors. Do not introduce the spray into the air. Allow the spray to contact food or food contacting surfaces. Areas treated may include dark corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigerators, sinks and similar food areas, air areas and equipment, floor drains and around pipes, and the like. ~~Do not apply to surfaces that are to be painted.~~

SPRAY DILUTION CHART

DURSBAH ZEC in Use	DURSBAH ZEC in Use	
	0.5% Solution	2% Solution
1 gallon	1/2 gallon	1/4 gallon
1/2 gallon	1/4 gallon	1/8 gallon
1/4 gallon	1/8 gallon	1/16 gallon
1/8 gallon	1/16 gallon	1/32 gallon
1/16 gallon	1/32 gallon	1/64 gallon
1/32 gallon	1/64 gallon	1/128 gallon
1/64 gallon	1/128 gallon	1/256 gallon
1/128 gallon	1/256 gallon	1/512 gallon
1/256 gallon	1/512 gallon	1/1024 gallon
1/512 gallon	1/1024 gallon	1/2048 gallon
1/1024 gallon	1/2048 gallon	1/4096 gallon
1/2048 gallon	1/4096 gallon	1/8192 gallon
1/4096 gallon	1/8192 gallon	1/16384 gallon
1/8192 gallon	1/16384 gallon	1/32768 gallon
1/16384 gallon	1/32768 gallon	1/65536 gallon
1/32768 gallon	1/65536 gallon	1/131072 gallon
1/65536 gallon	1/131072 gallon	1/262144 gallon
1/131072 gallon	1/262144 gallon	1/524288 gallon
1/262144 gallon	1/524288 gallon	1/1048576 gallon
1/524288 gallon	1/1048576 gallon	1/2097152 gallon
1/1048576 gallon	1/2097152 gallon	1/4194304 gallon
1/2097152 gallon	1/4194304 gallon	1/8388608 gallon
1/4194304 gallon	1/8388608 gallon	1/16777216 gallon
1/8388608 gallon	1/16777216 gallon	1/33554432 gallon
1/16777216 gallon	1/33554432 gallon	1/67108864 gallon
1/33554432 gallon	1/67108864 gallon	1/134217728 gallon
1/67108864 gallon	1/134217728 gallon	1/268435456 gallon
1/134217728 gallon	1/268435456 gallon	1/536870912 gallon
1/268435456 gallon	1/536870912 gallon	1/1073741824 gallon
1/536870912 gallon	1/1073741824 gallon	1/2147483648 gallon
1/1073741824 gallon	1/2147483648 gallon	1/4294967296 gallon
1/2147483648 gallon	1/4294967296 gallon	1/8589934592 gallon
1/4294967296 gallon	1/8589934592 gallon	1/17179869184 gallon
1/8589934592 gallon	1/17179869184 gallon	1/34359738368 gallon
1/17179869184 gallon	1/34359738368 gallon	1/68719476736 gallon
1/34359738368 gallon	1/68719476736 gallon	1/137438953472 gallon
1/68719476736 gallon	1/137438953472 gallon	1/274877906944 gallon
1/137438953472 gallon	1/274877906944 gallon	1/549755813888 gallon
1/274877906944 gallon	1/549755813888 gallon	1/1099511627776 gallon
1/549755813888 gallon	1/1099511627776 gallon	1/2199023255552 gallon
1/1099511627776 gallon	1/2199023255552 gallon	1/4398046511104 gallon
1/2199023255552 gallon	1/4398046511104 gallon	1/8796093022208 gallon
1/4398046511104 gallon	1/8796093022208 gallon	1/17592186044416 gallon
1/8796093022208 gallon	1/17592186044416 gallon	1/35184372088832 gallon
1/17592186044416 gallon	1/35184372088832 gallon	1/70368744177664 gallon
1/35184372088832 gallon	1/70368744177664 gallon	1/140737488355328 gallon
1/70368744177664 gallon	1/140737488355328 gallon	1/281474976710656 gallon
1/140737488355328 gallon	1/281474976710656 gallon	1/562949953421312 gallon
1/281474976710656 gallon	1/562949953421312 gallon	1/1125899906842624 gallon
1/562949953421312 gallon	1/1125899906842624 gallon	1/2251799813685248 gallon
1/1125899906842624 gallon	1/2251799813685248 gallon	1/4503599627370496 gallon
1/2251799813685248 gallon	1/4503599627370496 gallon	1/9007199254740992 gallon
1/4503599627370496 gallon	1/9007199254740992 gallon	1/18014398509481984 gallon
1/9007199254740992 gallon	1/18014398509481984 gallon	1/36028797018963968 gallon
1/18014398509481984 gallon	1/36028797018963968 gallon	1/72057594037927936 gallon
1/36028797018963968 gallon	1/72057594037927936 gallon	1/144115188075855872 gallon
1/72057594037927936 gallon	1/144115188075855872 gallon	1/288230376151711744 gallon
1/144115188075855872 gallon	1/288230376151711744 gallon	1/576460752303423488 gallon
1/288230376151711744 gallon	1/576460752303423488 gallon	1/1152921504606846976 gallon
1/576460752303423488 gallon	1/1152921504606846976 gallon	1/2305843009213693952 gallon
1/1152921504606846976 gallon	1/2305843009213693952 gallon	1/4611686018427387904 gallon
1/2305843009213693952 gallon	1/4611686018427387904 gallon	1/9223372036854775808 gallon
1/4611686018427387904 gallon	1/9223372036854775808 gallon	1/18446744073709551616 gallon
1/9223372036854775808 gallon	1/18446744073709551616 gallon	1/36893488147419103232 gallon
1/18446744073709551616 gallon	1/36893488147419103232 gallon	1/73786976294838206464 gallon
1/36893488147419103232 gallon	1/73786976294838206464 gallon	1/147573952589676412928 gallon
1/73786976294838206464 gallon	1/147573952589676412928 gallon	1/295147905179352825856 gallon
1/147573952589676412928 gallon	1/295147905179352825856 gallon	1/590295810358705651712 gallon
1/295147905179352825856 gallon	1/590295810358705651712 gallon	1/1180591620717411303424 gallon
1/590295810358705651712 gallon	1/1180591620717411303424 gallon	1/2361183241434822606848 gallon
1/1180591620717411303424 gallon	1/2361183241434822606848 gallon	1/4722366482869645213696 gallon
1/2361183241434822606848 gallon	1/4722366482869645213696 gallon	1/9444732965739290427392 gallon
1/4722366482869645213696 gallon	1/9444732965739290427392 gallon	1/18889465931478580854784 gallon
1/9444732965739290427392 gallon	1/18889465931478580854784 gallon	1/37778931862957161709568 gallon
1/18889465931478580854784 gallon	1/37778931862957161709568 gallon	1/75557863725914323419136 gallon
1/37778931862957161709568 gallon	1/75557863725914323419136 gallon	1/151115727451828646838272 gallon
1/75557863725914323419136 gallon	1/151115727451828646838272 gallon	1/302231454903657293676544 gallon
1/151115727451828646838272 gallon	1/302231454903657293676544 gallon	1/604462909807314587353088 gallon
1/302231454903657293676544 gallon	1/604462909807314587353088 gallon	1/1208925819614629174706176 gallon
1/604462909807314587353088 gallon	1/1208925819614629174706176 gallon	1/2417851639229258349412352 gallon
1/1208925819614629174706176 gallon	1/2417851639229258349412352 gallon	1/4835703278458516698824704 gallon
1/2417851639229258349412352 gallon	1/4835703278458516698824704 gallon	1/9671406556917033397649408 gallon
1/4835703278458516698824704 gallon	1/9671406556917033397649408 gallon	1/19342813113834066795298816 gallon
1/9671406556917033397649408 gallon	1/19342813113834066795298816 gallon	1/38685626227668133590597632 gallon
1/19342813113834066795298816 gallon	1/38685626227668133590597632 gallon	1/77371252455336267181195264 gallon
1/38685626227668133590597632 gallon	1/77371252455336267181195264 gallon	1/154742504910672534362390528 gallon
1/77371252455336267181195264 gallon	1/154742504910672534362390528 gallon	1/309485009821345068724781056 gallon
1/154742504910672534362390528 gallon	1/309485009821345068724781056 gallon	1/618970019642690137449562112 gallon
1/309485009821345068724781056 gallon	1/618970019642690137449562112 gallon	1/1237940039285380274899124224 gallon
1/618970019642690137449562112 gallon	1/1237940039285380274899124224 gallon	1/2475880078570760549798248448 gallon
1/1237940039285380274899124224 gallon	1/2475880078570760549798248448 gallon	1/4951760157141521099596496896 gallon
1/2475880078570760549798248448 gallon	1/4951760157141521099596496896 gallon	1/9903520314283042199192993792 gallon
1/4951760157141521099596496896 gallon	1/9903520314283042199192993792 gallon	1/19807040628566084398385987584 gallon
1/9903520314283042199192993792 gallon	1/19807040628566084398385987584 gallon	1/39614081257132168796771975168 gallon
1/19807040628566084398385987584 gallon	1/39614081257132168796771975168 gallon	1/79228162514264337593543950336 gallon
1/39614081257132168796771975168 gallon	1/79228162514264337593543950336 gallon	1/158456325028528675187087900672 gallon
1/79228162514264337593543950336 gallon	1/158456325028528675187087900672 gallon	1/316912650057057350374175801344 gallon
1/158456325028528675187087900672 gallon	1/316912650057057350374175801344 gallon	1/633825300114114700748351602688 gallon
1/316912650057057350374175801344 gallon	1/633825300114114700748351602688 gallon	1/1267650600228229401496703205376 gallon
1/633825300114114700748351602688 gallon	1/1267650600228229401496703205376 gallon	1/253530120045645880299340641072 gallon
1/1267650600228229401496703205376 gallon	1/253530120045645880299340641072 gallon	1/507060240091291760598681282144 gallon
1/253530120045645880299340641072 gallon	1/507060240091291760598681282144 gallon	1/1014120480182583521197362564288 gallon
1/507060240091291760598681282144 gallon	1/1014120480182583521197362564288 gallon	1/2028240960365167042394725128576 gallon
1/1014120480182583521197362564288 gallon	1/2028240960365167042394725128576 gallon	1/4056481920730334084789450257152 gallon
1/2028240960365167042394725128576 gallon	1/4056481920730334084789450257152 gallon	1/8112963841460668169578900514304 gallon
1/4056481920730334084789450257152 gallon	1/8112963841460668169578900514304 gallon	1/16225927682921336339157801028608 gallon
1/8112963841460668169578900514304 gallon	1/16225927682921336339157801028608 gallon	1/32451855365842672678315602057216 gallon
1/16225927682921336339157801028608 gallon	1/32451855365842672678315602057216 gallon	1/64903710731685345356631204114432 gallon
1/32451855365842672678315602057216 gallon	1/64903710731685345356631204114432 gallon	1/129807421463370690713262408228672 gallon
1/64903710731685345356631204114432 gallon	1/129807421463370690713262408228672 gallon	1/259614842926741381426524816457344 gallon
1/129807421463370690713262408228672 gallon	1/259614842926741381426524816457344 gallon	1/519229685853482762853049632914688 gallon
1/259614842926741381426524816457344 gallon	1/519229685853482762853049632914688 gallon	1/1038459371706965525706099265829376 gallon
1/519229685853482762853049632914688 gallon	1/1038459371706965525706099265829376 gallon	1/2076918743413931051412198531658752 gallon
1/1038459371706965525706099265829376 gallon	1/2076918743413931051412198531658752 gallon	1/4153837486827862102824397063317504 gallon
1/2076918743413931051412198531658752 gallon	1/4153837486827862102824397063317504 gallon	1/8307674973655724205648794126635008 gallon
1/4153837486827862102824397063317504 gallon	1/8307674973655724205648794126635008 gallon	1/16615349947311448411297588253270016 gallon
1/8307674973655724205648794126635008 gallon	1/16615349947311448411297588253270016 gallon	1/33230699894622896822595176106540032 gallon
1/16615349947311448411297588253270016 gallon	1/33230699894622896822595176106540032 gallon	1/66461399789245793645190352213080064 gallon
1/33230699894622896822595176106540032 gallon	1/66461399789245793645190352213080064 gallon	1/132922799578491587290380704426160128 gallon
1/66461399789245793645190352213080064 gallon	1/132922799578491587290380704426160128 gallon	1/265845599156983174580761408852320256 gallon
1/132922799578491587290380704426160128 gallon	1/265845599156983174580761408852320256 gallon	1/531691198313966349161522817704640512 gallon
1/265845599156983174580761408852320256 gallon	1/531691198313966349161522817704640512 gallon	1/1063382396627932698323045635409281024 gallon
1/531691198313966349161522817704640512 gallon	1/1063382396627932698323045635409281024 gallon	1/2126764793255865396646091270818562048 gallon
1/1063382396627932698323045635409281024 gallon	1/2126764793255865396646091270818562048 gallon	1/4253529586511730793292182541637124176 gallon
1/2126764793255865396646091270818562048 gallon	1/4253529586511730793292182541637124176 gallon	



Dursban[®] 2EC insecticide

Controls Numerous Pests of Households, Turf and Ornamental Plants Also Recommended for Mosquito Control and Area Control of Ticks and Chiggers

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, Mosquito Abatement Districts, and Other Trained Personnel Responsible for Insect Control Programs

EPA Reg. No. 464-586
EPA Est. 464-NH-1

Trademark of THE DOW CHEMICAL COMPANY

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT

PRECAUTION A USUARIO: Si usted no lee ingles, no use este producto hasta que le el quiete le haya sido explicada empleamente.
TRANSLATION (TO THE USER): If you can not read English, do not use this product until the label has been fully explained to you.

In case of an emergency endangering life or property involving this product, call collect **817-638-4400**

AGRICULTURAL CHEMICAL

Do Not Spray or Soak with Food, Feeds, Drugs or Clothing

ACTIVE INGREDIENTS

Chlorpyrifos (0.066 lb) 0.1356
ethion 2 pyridyl phosphorothioate 24.1%
Ethion (range aromatic solvent) 58.4%

INERT INGREDIENTS

Contains 7 pounds of chlorpyrifos per gallon
EPA Registration No. 464-586
EPA Est. 464-NH-1

CONTENTS

Page No	
PRECAUTIONARY STATEMENTS	3
Hazards to Humans	3
Statements of Practical Treatment	3
Physical or Chemical Hazards	3
Environmental Hazards	4
PESTS INDOORS	5
General Information	5
Spray Dilution Chart	6
Application Within	7
Food Handling Establishments	7
Residential Buildings	8
Control of Carpet Beetles	8
Control of Brown Dog Ticks	8
PESTS OUT-OF-DOORS	9
General Information	9
Outside Surfaces of Buildings	9
Lawns, Ornamentals, and Turf Areas	11
Pests of Ornamentals	11
Wood-Boring Insects	11
Use of Turf Charts	12-13
Peach Tree Borer	14
Native Elm Bark Beetle	14
Area Control of Ticks and Chiggers	15
Imported Fire Ants	15
Use Charts for Ornamentals	17-18
Mosquito Control	19
For Waste Water Chart	20
Conditions and Rates Chart	21
STORAGE AND DISPOSAL	22
NOTICE	22

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans

MAY BE FATAL IF SWALLOWED
MAY BE ABSORBED THROUGH SKIN

MAY BE INJURIOUS TO EYES AND SKIN
Do Not Take Internally • Do Not Get in Eyes or on Skin • Wash Thoroughly After Handling • Wash Contaminated Clothing Before Reuse • Flush Contaminated Eyes with Plenty of Water and Get Prompt Medical Attention • Avoid Breathing Vapors and Spray Mist • Avoid Spraying Food Crops • Keep Away from Food, Feedstuffs, and Domestic Water Supplies • Keep Container Closed • Handle Concentrate in a Ventilated Area

Statement of Practical Treatment

If Swallowed: Do not induce vomiting. Continue aromatic petroleum solvent. Call a physician immediately. If On Skin: In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If In Eyes: Flush eyes with plenty of water for 15 minutes. Call a physician. Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is the antidote.

Physical or Chemical Hazards

COMBUSTIBLE

Do Not Use or Store Near Heat or Open Flame
Do Not Cut or Weld Container

Environmental Hazards

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. DURSBAN 2EC is toxic to fish, birds, and other wildlife. Do not apply directly to water. Swims and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

USE DIRECTIONS

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

PESTS INDOORS

General Information: Use DURSBAN 2EC insecticide to control the pests indicated in the areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute DURSBAN 2EC with water or with a suitable base oil* as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

*Use only kerosene for oil based sprays to be applied in food handling establishments.

NOTE: Where quick knockdown and or pushing action is desired, dichlorvos (DDVP) or pyrethrin may be added to the spray mixture containing DURSBAN 2EC insecticide. For best results use dichlorvos at a concentration of 0.25% in both water and oil base sprays; use pyrethrin at 0.25% in water base and 0.05% in oil base sprays. Consult labeling for the dichlorvos or pyrethrin product used to determine the amount needed to give the desired spray concentration. Also read and observe all use and handling precautions for these products. ~~DURSBAN 2EC is not to be used in conjunction with other insecticides or acaricides.~~ Mixtures of DURSBAN 2EC and dichlorvos (DDVP) should not be sprayed on carpets.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically if exposed. Plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine only by injection is the preferable antidote. Opiates such as 2-PAM, propofol may be therapeutic if used early. However, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

Page 1

Page 2

Page 3

Page 4

Page 5

Application Within Food Handling Establishments: (Places Other Than Private Residences in Which Food is Made, Processed, Prepared or Served, Including, But Not Limited to, Restaurants, Grocery Stores, Bakeries, Baking Plants, Canneries and Grain Mills.) Use as a spot treatment in and around both food and nonfood areas to control cockroaches including strains resistant to other insecticides, ants, crickets, fleas, fish spiders and stored product insects such as confused flour beetles, saw-toothed grain beetles, lesser meal moths, rice weevils, lesser grain weevils and red flour beetles. Apply as a coarse, low pressure (20 psi or less) spray to infested areas where the above pests have been seen or are suspected of being or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unices run-off. Do not introduce the spray into the air. Do not allow the spray to contact food or food contacting surfaces. Areas treated may include side corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigerator units and similar food preparation areas and equipment, floor drains, and around plumbing and other utility installations. For ants, apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5% spray only. Note: A period of 10 days is normally required for maximum effect on cockroaches.

For control of carpet beetles: thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelves, and wherever else these insects are seen or suspected.

For control of brown dog ticks: thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters, baseboards, window and door frames and ticked areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. DO NOT TREAT PETS WITH

Application of the product in food handling establishments other than as a spot and/or crack and crevice treatment are not permitted.

Application Within Residential Buildings Including Homes and Apartment Buildings and Within Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing Plants and Warehouses For Spot Treatment Only: Apply as a coarse spray or with a paint brush to localized areas where cockroaches including strains resistant to other insecticides, ants, crickets, fleas, spiders, beetles, silverfish and spiders are found or normally occur including dark corners, rooms and closets, cracks and crevices in walls, along and behind baseboards, beneath and behind sinks, stoves, refrigerators and cabinets, around plumbing and other utility installations, for areas apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5% spray only. Note: A period of 10 days is normally required for maximum effect on cockroaches.

Attention (Pests Indoors): Do not apply water base sprays of this product in conduits, meter housings, junction and switch boxes or other electrical equipment because of possible shock hazard if there is need to treat such areas use only oil base sprays. Prior to application de-energize electrical equipment. After application allow time for oil to evaporate before starting motors or placing switches in the "ON" position. Do not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of the product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (aerated) before spraying.

PESTS OUT-OF-DOORS

General Information: Use DURSBAN 2EC insecticide for control of certain pests on outside surfaces of buildings and ornamentals and ornamental plants for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Suitable Surfaces of Buildings: Use DURSBAN 2EC at the rate of 2% fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants (clover mites, cockroaches, crickets, earwigs, fleas, fish spiders, mosquitoes, sawtoothed grain beetles and ticks) by application as a residual spray or with a paint brush to outside surfaces of buildings including porches, screen window frames, doors, porches, refuse dumps and other areas where these pests con-

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sawtoothed grain beetles, treat a band of soil 8 to 10 feet wide around and adjacent to buildings and the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Use 1 pint of DURSBAN 2EC per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Use DURSBAN 2EC to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute DURSBAN 2EC in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at time of treatment.

Pests of Ornamentals: Use DURSBAN 2EC insecticide to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with pests listed in the following table. Dilute DURSBAN 2EC with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested buds and trunk areas. Attempt to penetrate dense foliage but avoid overspraying to the point of excessive run-off. Treat when pests appear and repeat at 7 to 10 days intervals if needed. **NOTE:** Do not use on azaleas, camellias, pantheas, rose bushes, or variegated ivy because of possible injury to these plants.

Wood Boring Insects Infesting Sheds and Trunks of Stumps and Limbs of Trees: Apply DURSBAN 2EC to the trunks and lower limbs of trees and shrubs when the adults begin to emerge. Consult your State Department of Extension Service or Extension

SPRAY DILUTION CHART

Water Base Spray	Oil Base Spray
0.25%	0.5%