	8	329-6	3	02	125/2	2000 1
EPA	United States Envir Agency Office of Pestici Washing		17505C)	Registra Amendi Other		OPP Identifier Number
	Applicatio	on for Pes	ticide:			
		Sec	tion I			
Company/Product Number 329-63			2. EPA Produc G. LaRocc			oposed Classification
Company/Product (Name)		······································	РМ# С13			
Name and Address of Applicant	t (Include ZIP Code)		6. Expedited	Review. In accord	ance with FI	FRT Section 3©(3)
Clarke Mosquito Control Product 159 N. Garden Avenue Roselle, Illinois 60172	cts, Inc.		(b)(l), my product to: EPA Reg. No. Product Name	N	cal in compo DTIFICA EB 25	
Check if this is a ne	w address			<u> </u>		
······		Sec	tion II			
Amendment - Explain below Resubmission in response to Notification - Explain below.	e(s) if necessary. (For Se	ction I and Sect	Agency I "Me Too Other	ed labels in respor etter dated o" Application. explain below.		
Naterial This Product Will Be Par Chit:-Resistant Packaging Yes*	ckaged In: Unit Packaging Yes	Seci	tion III Water Soluble Pr Yes	ackaging	2. Type o	f Container
LNo. *Certification must be submitted.	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	Plastic Glass Paper Other	: (Specify)
Location of Net Contents Inform		4. Size(s) (of Retail Container		Location of	Label Directions
<u>ک</u>	nauçii	4. 312e(3) (On Label	
Label Contain Manner In Which Label is Affix					On Labeling	accompanying product
Product		graph er glued silod		Other ())	
			tion IV			
1. Contact Point (Complete items d	irectly below for identifica			f necessary, to pro	cess this ap	plication;)
Name			Title			Telephane No. (Include Area Code)
=						
			Regulatory Affai	rs Specialist		630-894-2000
Karen J. Larson, M.S. I certify that the statements I have n I acknowledge that any knowingly fa both under applicable law. 2. Signature	made on this form and all		 are true, accu are true, accu by fine or ir Title 	rate and complete		630-894-2000 6, Date Application Received 333 (Stamped)

.1



÷.

BIOMIST® 2+2 ULV

For Application Only By Public Health Officials and Trained Personnel of Mosquito Abatement Districts and Other Mosquito Control Programs. An All Temperature, Quick Knockdown, Low Odor, Non-Corrosive, Synthetic Pyrethroid for

Control of Adult Mosquitoes in Residential and Recreational Areas. Also For Use Against Biting and Non-Biting Midges and Blackflies.

Procautionary Statements NOTIFICATI HAZARDS TO HUMANS AND 25

DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after using and before eating or smoking. Avoid contamination of food and feed. May cause contact sensitization following repeated contact with skin in susceptible individuals.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center Immediately. Do not induce vomiting because of aspiration hazard.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists. NOTE TO PHYSICIAN: *Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. Vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water whon disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on biooming crops or weeds. Do not apply this product or allow it to drift to bioming crops or weeds while bees are actively visiting treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

Permethrin pounds/scre	Ар	Fl. oz./Min.		Fi. oz. Biomist 2+2 per scre	
	5MPH	10MPH	15MPH	20MPH	
0,007	18.0	36.0	54.0	72.0	6.0
0.0035	9.0	18.0	27.0	36.0	3.0
0.00175	4.6	9,0	18.0	27.0	1.6

E.P.A. EST. No. 8329IL01 EPA Reg. No.8329-63

> NET CONTENTS LOT NO.

- cllin.		
NOTIFILIA	WACTIVE INGREDIENTS:	
N ~ ~ ~	Permethrin (3-Phenoxyphenyl)methyl (±) cis,	
FEB 230	trans-3-(2.2-dichlorethenyl)-2,2-dimethyl-	
1-	cyclopropanecarboxylate	2.00%
oid breathing vapors	Piperonyl Butoxide, Technical	
with soap and water	Equivalent to 80% (butylcarbityl)	
feed. May cause	(6-propylpiperonyl) ether and	
lividuals.	20% related compounds	2.00%
MENT	INERT INGREDIENTS*	
o not induce	Contains 0 167 pounds of Permethrin and 0 167	100.00% txtuiida

Contains 0.167 pounds of Permethrin and 0.167 pounds of Piperonyl Butoxide per gallon *Contains a Petroloum Distillate Solvent

CAUTION KEEP OUT OF REACH OF CHILDREN

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Do not apply this product within 100 feet of lakes and streams. Do not allow spray treatment to drift on pastureland, cropland, poulity ranges or water supplies.BIOMIST* 2+2 UEV is recommended for application as an ultra low volume (U.L.V.) nonlinermal acrosof (cold fog) to control anluit mosquitoes in residential and recreational areas where these insects are a problem, such as but not limited to parks, campsites, woodlands, athletic fields, golf courses, residential areas, and municipalities, gardens, playgrounds, recreational areas and overgrown waste areas. For best results treat when mosquitoes are most active and weather conditions are conducive to keeping the fog close to the ground, e.g. cool temperatures and wind speeds not greater than 5 mph. Application during the cool hours of the night or early morning is preferable. Repeat treatment as needed.

MANUFACTURED BY

CLARKE MOSQUITO CONTROL PRODUCTS, INC.

159 N. GARDEN AVENUE • ROSELLE, ILLINOIS 60172

NOTICE: Seller makes no warranty, expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when use and/or handling is contrary to label instructions.

IN Loc OF EMERGENCY, CALL INFO TRAC 1-800-535-5053

U.L.V. Nonthermal Aerosol (Cold Log) Application: to control Mosquitors, Midge, and Blackfies, apply BIOMIST* 2+2 ULV using any standard ULLV, ground applicator capable of producing a nonthermal aerosol spray with droplets ranging in size from 5 to 30 microns and a mass median diameter (MMD) of 10 to 20 microns. Apply the product undiluted at a flow rate of 4.5 to 18.00 fluid ounces per minute at an average vehicle speed of 10 mph. If a different vehicle speed is used, adjust rate accordingly. Vary flow rate according to vegetation density and mosquito population. Use higher flow rate in heavy vegetation or when populations are high. An accurate flow meter must be used to ensure the proper flow rate. Biomist 2+2 ULV may also be applied by diluting with a solitable solvent such as mineral oil and applying so as not to exceed the maximum pounds of active ingredient per acre as shown in the table.

THERMAL ALROSOL FOGGING: Truck mounted - apply undiluted with suitable Thermat Fogging equipment. Do not exceed the maximum rates. May be applied at speeds of 5 mph up to 20 mph. To reduce oil requirement and sludge buildup in equipment, use 100-second viscosity mineral 'tog' oil, for use with hand cartled foggers, use same rates of A.I. pur acre. Do not wat foliage since oil base formulations may be phytotoxic. Do not fog when wind conditions exceed 5 miles per hour. Use a clean, well-maintained and properly calibrated fogger. Fog downwind.

AS A BARRIER SPRAY: Use a "Backpack" ULV unit - for use in non-thermal ULV portable backpack equipment, apply Biomist 2+2 ULV with equipment adjusted to deliver ULV particles of 50 to 100 microns mass median diameter. Use 76 ft.oz. of the undiluted spray per acre (ngual to 0.1 lb. A.L/Acre) as a 50-ft. (15.2 m) swath while walking at a speed of 2 m.p.h. (3.2 k.p.h.). May also be applied diluted; make sure that the same amount of A.L. (0.1 lb.) is applied per acre.

AERIAL APPLICATION: The use of specially designed aircraft capable of applying Ultra-Low Volumes of Biomist 2+2 ULV at above recommended rates may be considered necessary when conducted at the discretion of Public Health Officials. Mosquito Abatement Districts, and other trained personnel engaged in Outdoor Mosquito & Biting Fly control programs when these insects threaten to become a public health hazard. PROHIBITION ON AERIAL USE: Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology, Florida Department of Agriculture and Consumer Services.

STORAGE & DISPOSAL

Do not contaminate water, food or lead by storage or disposal.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store product in its original labeled container in a cool, dry locked place designated for such insecticides and out of reach of children. Avoid exposure to extreme temperatures. In case of spillage, soak up with absorbent material such as sawdust or fullers earth; sweep up and place in a labeled container and dispose of as follows.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility.

CONTAINER DISPOSAL: (Metal) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved state and local procedures. (Plastic) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or allowed by State and local authorities, by burning. If burned, stay out of smoke.

1/00