PM32 33906-8 1/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 7 1997

Dr. N. Bhushan Mandava
Agent for Nissan Chemical American Corp.
303 South Broadway
Tarrytown, NY 10591

Dear Dr. Mandava:

Subject: Nissan TCCA Tablet
EPA Registration Number 33906-8
Your Amendment Dated March 14, 1997

This is in response to your request to amend the registration of the subject product to include label revisions per our letter dated May 24, 1995 and under the Directions For Use to add the Emergency Drinking Water statements and revised labeling.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy is enclosed for your records.

In the Precautionary Statements section, under the heading Hazard to Humans and Domestic Animals, add the signal word **DANGER** side panel.

If you have any questions concerning this letter, please contact LaVerne Dobbins at (703) 308-6378.

Sincerely,

Robert S. Brennis
Acting Product Manager 32
Antimicrobial Program Branch
Registration Division (7504C)

Enclosure:

	CONCURRENCES						
SYMBOL	7504C						
SURNAME	LDobbins						
DATE	4/7/97						

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(DRAFT LABEL)

N I S S A N
T.C.C.A. Tablet

ACTIVE INGREDIENT:	
Trichloro-s-triazinetrione.....	99.5%
INERT INGREDIENTS:.....	0.5%
TOTAL	100.0%

PROVIDES 90% AVAILABLE CHLORINE

Each Tablet Weighs 20 grams

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

ACCEPTED
with COMMENTS
In EPA Letter Dated:
APR 7 1997
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 33906-8

IF SWALLOWED, drink promptly large quantities of water. DO NOT induce vomiting. Avoid alcohol. Never give anything by mouth to an unconcious person. Call a physician or poison control center immediately.

IF INHALED, remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get immediate medical attention.

IF ON SKIN, Wash with plenty of soap and water. Get medical attention, if irritation persists.

IF IN EYES, Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Lot No. Packer Net Wt. 2.2 Lbs. 1.0 Kg.

EPA Est. No. 935-IL-1
EPA Reg. No. 33906-8

Made in U.S.A.

Manufactured For
NISSAN CHEMICAL AMERICA CORPORATION
303 South Broadway
Tarrytown, N.Y. 10591

(Side Panel)

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals:

CORROSIVE: Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe dust or spray mists. Irritating to nose and throat. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARD: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board of Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARD: Strong Oxidizing Material. Mix only with water. Use clean, dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, dirt, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. In case of fire, flood with large quantity of water. In the event of contamination or decomposition, do not reseal container. If possible isolate container in open air or well ventilated area.

DIRECTIONS FOR USE

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

Photographic Waterbath Applications

Use TCCA TABLET in the waterbaths of b/w film processors in the fields of phototypesetting, reproduction, microfilm, X-ray diagnostics and the production of circuit boards.

Use this product consistently to control the algae growth and slime formation in photographic waterbaths. TCCA TABLET prevents the constant cleaning of the walls and racks of the water tank.

Before TCCA TABLET is used for the first time, the water tank and water tank racks should be thoroughly cleaned.

TCCA TABLET must be totally submerged to function properly, and the waterbath should not be drained when the equipment is idle. TCCA TABLET should be placed in a well agitated area of the water tank, preferably right under or near the water inlet. In case of very narrow water tanks, TCCA TABLET may also be placed on the bottom of the tank, provided the water is sufficiently agitated there.

The formation of new algae is prevented by the release of the proper dose of available chlorine into the water. Dosage is automatic and depends on water quality, water consumption, and operating hours of the processor. The recommended start up dosage is one tablet (20 grams, approximately 0.71 oz) for 10 gallons of water.

Once placed in the water tank, there is no need for any maintenance. TCCA TABLET usually needs replacing every two to three weeks if the water tanks have not been refilled.

Do not use or apply TCCA TABLET in combination with any chemicals. Use TCCA TABLET only in waterbaths for the above uses.

Swimming Pool Applications
TCCA TABLETS - Slow dissolving tablets to provide continuous chlorination to control bacteria and algae.

Initially pre-condition your pool water with a stabilizing product. Follow directions on the label of that product.

RECOMMENDED DOSAGE: For each 15,000 gals. of pool water, place 7 tablets (5 oz. by wt.) in the skimmer basket. Allow 8 to 12 hrs. for chlorine residual to equalize. Initial treatment will last from 2 to 4 days depending on water temperature and flow rate through the skimmer. Chlorine residual should be maintained between 1.5 and 2.0 ppm as determined by a suitable test kit. If daily testing indicates the chlorine level to be low, increase the number of tablets in the skimmer basket. If daily testing indicates the chlorine level to be higher than 2.0 ppm, reduce the number of tablets accordingly.

Once every two weeks a shock dose of 5 ppm chlorine should be made to prevent the development of resistant species of algae. Use a superchlorinating product and follow directions on the label of that product. Keep pH of water between 6.5 and 7.6 as determined by a suitable test kit.

Re-entry into treated swimming pools is prohibited above levels of 3 ppm chlorine residual.

FOR USE IN INDUSTRIAL COOLING TOWERS
When used as directed, this product is effective as a cooling tower algaecide, slimicide, and bactericide. Severely fouled towers should be cleaned prior to initial treatment. Lightly fouled systems may be treated without pre-cleaning.

Chlorination requirements vary with percent of time tower is in use, type of tower, air and water temperatures, and contamination in and entering the water.

APPLICATION METHOD: TCCA TABLET may be applied to a tower by use of a suitable erosion chlorinator with an adjustable flow control or by suspending a dissolving basket in the sump. Chlorination levels are controlled by changing the rate of water flow through the erosion chlorinator or increasing or decreasing the number of tablets placed in the dissolving basket. During periods when no chlorine is wanted, the water flow through the erosion chlorinator is stopped. The dissolving basket is simply removed and suspended above the water in the sump. Use a suitable, reliable test kit to measure available chlorine concentrations in the water.

INITIAL TREATMENT: Place in the chlorinator, dissolving basket or sump one tablet for each 800 gallons of water or (ten tablets for each 8,000 gallons of water in the system). Tablets should be placed in an area of continuous water flow. Open flow control on erosion chlorinator to maximum until a 1.0 ppm chlorine residual is obtained. Adjust flow or add tablets to maintain available chlorine at 1 to 2 ppm until fouling is gone.

CONTINUOUS TREATMENT: Adjust flow through erosion chlorinator or keep the proper number of tablets in the dissolving basket or sump to maintain available chlorine reading at 0.5 to 1.0 ppm.

INTERMITTENT TREATMENT: Using an erosion chlorinator, one to three times daily, establish a 1.0 ppm available chlorine reading in the recirculating water and maintain that level of available chlorine for one hour. Optimum performance with this product will be obtained if the recirculating water Ph is maintained between 7.4 and 7.8 during the treatment.

EMERGENCY DRINKING WATER

This product may be used to disinfect raw or pre-treated (settled, coagulated and/or filtered) water supplies intended for use as drinking water for humans and domestic animals on an emergency basis as defined in 40 CFR, Part 165-179.

The source of the water to be treated may be a river, lake, well, cistern or similiar system. To obtain the desired sanitization results, the water to be treated should be clear and free of dirt and organic debris. If the source of the water is cloudy and contains dirt and organic debris, the water should be held in holding tanks or ponds, treated with coagulating agents and filtered to remove the dirt and organic debris.

This product is slow dissolving and should be suitable chlorinating devices (feeders, bags, buckets, etc.) or by direct placement into the water at a point where the product will be uniformly mixed with water. The frequency of feeding and duration of the treatment will depend on the severity of the contamination.

DRINKING WATER - Add this product to the feeder (or chlorinating device). Adjust the feeder to maintain a free available chlorine level in the water of 0.2 ppm (mgL), as indicated by a reliable test kit, after 15 minutes of holding time. Periodically refill feeding device with tablets to assure a constant treatment level of 0.2 ppm (mg/L) available chlorine.

STORAGE AND DISPOSAL

Store in a cool, dry, ventilated area away from heat or open flame. Keep product dry in a tightly closed container when not in use. Do not allow water to get into container. Keep container off wet floors. Do not contaminate water, food or feed by storage or disposal. In case of decomposition, isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture 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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.