

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

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

MAR-4-2011

Matthew Granahan Nufarm, S. A. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Subject:

Notification per PR Notice 98-10 (container handling PR Notice 2007-4,

contact information, warranty and liability)

Tamex 3EC

EPA Reg. No. 33688-4

Application Dated February 7, 2011

Dear Mr. Granahan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

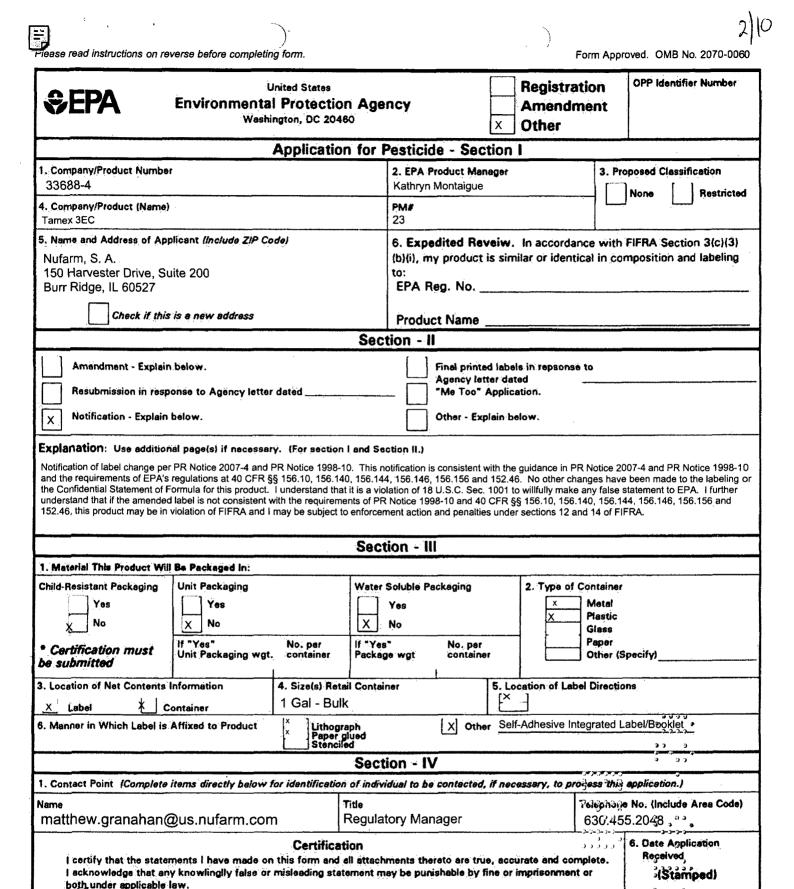
If you have any questions regarding this letter, please contact Mindy Ondish at (703) 605-0723 or at ondish.mindy@epa.gov.

Sincerely.

Kathryn V. Montague Product Manager 23

Herbicide Branch

Registration Division (7504P)



3. Title

5. Date

02/07/11

Regulatory Manager

2. Signature

vped Name

Matthew Granahan



Nufarm Americas Inc.

150 Harvester Drive, Suite 200 Burr Ridge, IL 60527

Telephone: (630) 455.2000 Facsimile: (630) 455.2001

www.us.nufarm.com

February 7, 2011

Via Overnight Courier

Kathryn Montague (PM-23)
U. S. Environmental Protection Agency (7504P)
Document Processing Desk (NOTIF)
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Subject:

Tamex 3EC

EPA Reg. No. 33688-4

Label Notification per PR 07-04 & 98-10

Dear Ms. Montague:

Nufarm, S. A. would like to change Storage and Disposal text on above referenced label. It is believed this can be revised via notification and is consistent with PRN 07-04. Additionally Nufarm would like to add / change contact information and update our Warranty per PRN 98-10.

To process this request please find enclosed the following:

- Application for Pesticide Registration EPA form 8570-1
- Certification with Respect to Label Integrity
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling clean (1 copy)
- CD containing the proposed labeling

If you should have any questions regarding this matter, please feel free to contact me at (630) 455-2048 or matthew.granahan@us.nufarm.com.

Matthew Granahan Regulatory Manager Nufarm, S.A.

TAMEX® 3EC

For Control of Suckers on Tobacco

NET CONTENTS:

COMPOSITION

ACTIVE INGREDIENT:

% BY WEIGHT

OTHER INGREDIENTS**: 62.7% TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN DANGER / PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300 For Medical Emergencies Only, Call (877) 325-1840

MANUFACTURED FOR: NUFARM, S.A. 28, BOULEVARD CAMELINAL 92233 GENNEVILLIERS, FRANCE

EPA REG. NO. 33688-4 EPA EST. NO.

NET CONTENTS:

US AFFILIATE: NUFARM AMERICAS INC. 150 HARVESTER DRIVE **BURR RIDGE, IL 60527**



033688-00004.20110207.EPA Not

^{*}Butralin content = 3.0 pounds per gallon, or 360 grams per liter.

^{**}Contains Petroleum Distillates

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSIVE. Severe eye irritant. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some Individuals. Do not get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the Instructions for category G on an EPA chemical resistance category selection chart.

Applicators and Other Handlers Must Wear: Long-sleeved shirt and long pants; chemical-resistant gloves, such as Viton ≥14 mils; shoes plus socks; protective eyewear when mixing, loading and applying this product. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. IF no such Instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. When handlers use closed systems or enclosed cabs In a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-5)], the handler PPE requirements may be reduced or modified as specified In the WPS.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

	FIRST AID	
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.	
	 Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 	
	Call a poison control center or doctor for treatment advice.	
IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice.	
	Have person sip a glass of water if able to swallow.	
	Do not induce vomiting unless told to do so by the poison control center or doctor.	
	Do not give anything by mouth to an unconscious person.	, , , , ,
IF ON SKIN	Take off contaminated clothing.	3373
	Rinse skin immediately with plenty of water for 15 to 20 minutes.	,,,,
	Call a poison control center or doctor for treatment advice.	ล ์ววั
IF INHALED	Move person to fresh air.	9
	• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferab	ly by
	mouth-to-mouth, if possible.	-
	• Call a poison control center or doctor for further treatment advice.	و د و
	HOT LINE NUMBER	2223
Have the product co	ntainer or label with you when calling a poison control center or doctor, or going for treatinent?	э
You may also contain	ct 1-877-325-1840 for emergency medical treatment information.	a 3
	NOTE TO PHYSICIAN	
Probable mucosal d	amage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard.)))))))

ENVIRONMENTAL HAZARDS

This pesticide may be 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. Direct contamination of any body of water may kill fish and aquatic organisms. Do not contaminate water for irrigation or domestic purposes by cleaning of equipment or disposal of wastes.

Use coarse spray only, directed down tobacco stalk. Do not use fine sprays. Avoid drift to adjacent crops as injury may result.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not store below 25°F.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions carefully before use.

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about person protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter of allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; chemical-resistant gloves, such as barrier laminate or Viton; shoes plus socks; protective eyewear.

FOR USE ON TOBACCO GENERAL

TAMEX® 3EC is a plant growth regulator for control of suckers in tobacco, including flue-cured, air-cured (burley, Maryland and cigar types), and dark types. TAMEX 3EC is most effective when applied with ROYAL MH-30® or other maleic hydrazide products. Consult with your local Extension Service tobacco specialist for recommended treatments for your area.

TAMEX 3EC mixes readily with water to form a yellow, creamy emulsion. If a spray mixture is allowed to stand several hours, agitate thoroughly before resuming treatments.

See APPLICATION NOTES for additional important information.

APPLICATION EQUIPMENT

TAMEX 3EC MAY BE APPLIED USING MOTORIZED FIELD SPRAYERS (HIGH-CLEARANCE OR TRACTOR MOUNTED) EQUIPPED WITH SOLID-CONE NOZZLES THAT DELIVER A COARSE SPRAY. For example, a three solid-cone nozzle arrangement directed over the row, operating at 20 to 30 psi, delivers a coarse spray that runs down the stalk and wets suckers in the leaf axils.

TAMEX 3EC may also be applied to individual plants by using a hand-held dropline, a knapsack sprayer, or jug application. 3.3.5.5 All sprayers should be equipped with a pressure regulator and pressure gauge.

APPLICATION TIMING

Apply TAMEX 3EC alone or in a tank mix with ROYAL MH-30 or other maleic hydrazide product when tcbascoplants are in the elongated button to early flower stage. Top leaves to be harvested should be at least 8 inches long at treatment time. At suckers greater than 1 inch long should be removed by hand prior to treating with TAMEX 3EC. Any suckers that years shielded and escaped treatment should be removed by hand two to three weeks after treatment. ON FLUE-CURED TOBACCO, apply JAMEX 3EC 5 to 7 days after the last fatty alcohol contact treatment. ON BURLEY TOBACCO, TAMEX 3EC may be applied just before or immediately after topping. Sucker control may not be consistent within a field if tobacco plants are not uniform when treated. DO NOT HARVEST FIRST LEAVES FOR AT LEAST 7 DAYS AFTER TREATING FLUE-CURED TOBACCO **ND AT LEAST 30 DAYS AFTER TREATING AIR-CURED (BURLEY, MARYLAND AND CIGAR TYPES) AND DARK TYPES OF TOBACCO.

APPLICATION RATE

When using motorized sprayers or hand-held droplines, mix 3 to 4 quarts of TAMEX 3EC alone or 2 to 4 quarts of this product if it at tank mix with ROYAL MH-30 or other maleic hydrazine product at the labeled rate, in 50 gallons of water for each acre to be treated. Use the higher TAMEX 3EC rate in seasons when sucker pressure is heavier. At this volume per acre, the amount of spray mixture per plant should be sufficient to run down the entire stalk contacting all leaf axils and sucker buds.

When applying TAMEX 3EC using the knapsack sprayer or jug method, mix 2.0 to 2.5 fluid ounces of TAMEX 3EC per gallon of water and apply about one-half fluid ounce of spray mixture per plant. One gallon of spray mixture should treat about 250 plants.

APPLICATION METHOD, BY TOBACCO TYPE

For all application methods, excess mixture should not be allowed to reach the ground line and puddle around the base of each plant.

A. TANK MIXES OR SINGLE TREATMENT PROGRAMS

Before using any tank mix combination, carefully read and follow the label directions of all products used. Flue-Cured Tobacco

To control suckers on flue-cured tobacco, begin with a standard fatty alcohol contact program. Five to 7 days after contacts, apply a tank mix of 3 quarts of TAMEX 3EC plus 1.5 to 2.0 gallons of ROYAL MH-30 (or other maleic hydrazide product at label rate) in 50 gallons of water per acre. Apply as a coarse spray to get rundown on the stalk.

Air-Cured Tobacco (burley, Maryland, cigar)

On heavy suckering varieties or when extended sucker control is desired, to reduce escapes, use a tank mix of TAMEX 3EC at 2 quarts plus ROYAL MH-30 at 1.5 to 2.0 gal/A (or other maleic hydrazide product at label rate) in 50 gallons or water per acre. Use the higher rate of maleic hydrazide when tank mix is to be applied to 14 L8, 2110, or other heavy suckering varieties. Apply as a coarse spray to get rundown on the stalk. Apply within 24 hours after topping.

If TAMEX 3EC is used alone, apply 3 to 4 quarts in 50 gallons of water per acre, just before or immediately after topping. Apply as a coarse spray to get rundown on the stalk. Use the higher rate in seasons when sucker pressure is heavier.

Dark Tobacco

To control suckers on dark types, apply 3 to 4 quarts of TAMEX 3EC in 50 gallons of water as a single application just before or after topping. Apply as a coarse spray to get rundown on the stalk. Use the higher rate in seasons when sucker pressure is heavier.

On heavy suckering varieties or when extended sucker control is desired, use a tank mix of TAMEX 3EC at 2 quarts plus ROYAL MH-30 at 1.5 to 2.0 gal/A (or other maleic hydrazide product at label rate) in 50 gallons or water per acre. Use the higher rate of maleic hydrazide when the tank mix is to be applied to known heavy suckering varieties. Apply as a coarse spray to get rundown on the stalk. Apply within 24 hours after topping.

B. SEQUENTIAL TREATMENT PROGRAMS

Flue-Cured Tobacco

WHEN APPLIED BEFORE MALEIC HYDRAZIDE TREATMENT: Apply 3 quarts of TAMEX 3EC in 50 gallons of water per acre at the elongated button to early flower growth stage. Apply as a coarse spray. Five to seven days later, make an application of ROYAL MH-30 or other maleic hydrazide product according to bale directions.

WHEN APPLIED AFTER MALEIC HYDRAZIDE TREATMENT: Apply contact sucker chemicals, followed by ROYAL MH-30 or other maleic hydrazide product according to label directions. About 3 weeks later, apply TAMEX 3EC at 3 quarts in 50 gallons or water per acre. Apply as a coarse spray to get rundown on the stalk.

APPLICATION NOTES

- 1. Use TAMEX 3EC and maleic hydrazide products only once per season, whether in combination or in sequence.
- 2. Rain occurring more than two hours after these treatments should not affect the effectiveness of TAMEX 3EC. Refer to labels of tank mix partner products for any additional rain-free precautions.
- 3. TAMEX 3EC is most effective when the spray contacts the sucker buds directly. In fields where tobacco plants are lodged or leaning, plants should be straightened prior to treatments, so spray mixture runs down the stalk evenly and contacts all sucker buds.
- 4. Applying treatments to wet plants immediately after heavy rain or when there is heavy dew is not recommended.
- 5. Plants that are under drought stress when treated may not respond to sucker control products properly.
- 6. Applying treatments on windy days is not recommended, as sprays may not be deposited uniformly on the leaf axils and sucker buds.
- 7. Immature leaves that are less than 8 inches long at the time of TAMEX 3EC treatment may develop cupped or curled appearance.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store near fertilizers, seeds, insecticides or fungicides. Store in original container only. After a partial use, replace lid and close tightly. Store in a secure place that is temperate and dry. Do not store below 25°F. Do not store under conditions which might adversely affect the container or its ability to function properly.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide aspray, 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 or Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

Nonrefillable Containers 5 Gallons or Less: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment of prize in tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Nonrefillable containers larger than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Or

Refillable containers larger than 5 gallons: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OF ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

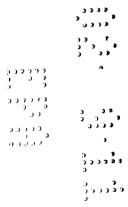
TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

Tamex is a registered trademark of Nufarm S.A.
MH-30 is a Registered Trademark of Uniroyal Chemical Company, Inc.

LABEL HISTORY

FILE NAME	RV DATE	COMMENTS
TAMEX label 062602		
033688-00004.20110207.EPA Not	RV020711	Not under PR N 98-10, 07-04, 97-06



NOT TO BE PART OF THE PRINTED LABEL FOR INTERNAL REGULATORY USE ONLY

02/07/2011

Submitted label under PRN 07-04 (S&D) & 98-10 (Warranty) & 97-6 (INERT to OTHER)