

U S ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave NW Washington D C 20460 EPA Reg Number

Date of Issuance

8033 103

JUN 27 2012

Term of Issuance

Conditional

NOTICE OF PESTICIDE

x Registration

__ Reregistration

(under FIFRA as amended)

Name of Pesticide Product

Miltrex 10 SC Fungicide

Name and Address of Registrant (include ZIP Code)

Mr John Wrubel Nisso America Inc 88 Pine Street 14th Fl New York NY 10005

Note Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration.

Division prior to use of the label in commerce In any correspondence on this product always refer to the above EPA registration number

On the basis of information furnished by the registrant the above named pesticide is hereby registered under the Federal Insecticide Fungicide and Rodenticide Act

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment the Administrator on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by other

This product is **conditionally** registered in accordance with FIFRA sec 3(C)(7)(c) provided that you

- 1 Revise the EPA Registration Number to read EPA Reg No 8033 103
- 2 The following data is submitted
 - a 870 6200 Neurotoxicity Battery (Acute Studies) due 1 year from the date on this letter
 - b <u>860 1300 Nature of the Residue Plants</u> Sample storage data associated with the apple metabolism study must be submitted for a period that covers 17 months to fulfill current 40 CFR Part 158 data requirements due 2 years from the date on this letter

If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action please contact Samantha Hulkower of my team at (703) 603 0683

Signature of Approving Official

Date

Mark Suarez PM Team

Insecticide Branch/Registration Division

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Group U6 Fungicide

MILTREX® 10 SC FUNGICIDE

For Agricultural Use Only

Active I	ngredient
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cyflufenamid

(Z) N (α cyclopropylmethoxymino 2 3 difluoro 6 trifluoromethylbenzyl) 2 phenylacetamide 10% **Inert Ingredients**

90%

Total

100%

Contains 0 85 lbs of cyflufenamid active ingredient per gallon

EPA Reg No 8033 RNG

EPA Est No

KEEP OUT OF REACH OF CHILDREN CAUTION

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)

For Medical and Transportation Emergencies ONLY call CHEMTREC at 1 800 424 9300

FIRST AID				
If on Skin or Clothing	□ Take off contaminated clothing □ Rinse skin immediately with plenty of water for 15 20 minutes □ 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 by a poison control center or doctor □ Do not give anything to an unconscious person 			
If in Eyes	☐ Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing ☐ Call a poison control center or doctor for treatment advice			
If Inhaled	 ☐ Move person to fresh air ☐ If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible ☐ Call a poison control center or doctor for further treatment advice 			
For MEDIC	CAL EMERGENCIES call CHEMTREC at 1 800 424-9300			
Have the product co going for treatment	ntainer or label with you when calling a poison center or doctor or			
NOTE TO PHYSICIAN There is no specific antidote. All treatments should be based				
_	nd symptoms of distress in the patient Overexposure to materials act may have occurred			

Net C	ontents	<u>tl oz</u>	

Batch No

Nippon Soda Co Ltd 2 1 2 Chome Ohtemachi Chiyoda ku Tokyo 100 8165 Japan

ACCEPTEL

JUN 27 2012

Under the Federal Insecticide Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg No 80

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin Harmful if swallowed Avoid contact with skin eyes or clothing. Wash thoroughly with soap and water after handling and before eating drinking chewing gum or using tobacco. Wear long-sleeved shirt and long pants, socks shoes, and gloves. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long sleeved shirt and long pants shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170 240 (d) (4 6)] 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 clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds streams and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

SPRAY DRIFT

Avoid spray drift. Do not apply when weather conditions may cause drift. Do not allow this product to drift on to non target areas. To avoid spray drift. DO NOT apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. For aerial application, select nozzles and pressure that deliver **MEDIUM** spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE Standard S-572. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions. The following drift management requirements must be followed to avoid off-target movement from aerial applications to agricultural crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

- 1 The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor
- 2 Use the largest droplet size consistent with good pest control. Small droplets are more prone to spray drift and can be minimized by appropriate nozzle selection by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Follow more stringent regulations where applicable

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory below

AERIAL DRIFT REDUCTION ADVISORY

[This section is advisory in nature and does not supersede the mandatory label requirements]

INFORMATION ON DROPLET SIZE

The most effective way to reduce drift potential is to apply **MEDIUM** droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly or under unfavorable environmental conditions (See Wind Temperature and Humidity, and Temperature Inversions)

CONTROLLING DROPLET SIZE

Volume Use high flow rate nozzles to apply the highest practical spray volume Nozzles with higher rated flows produce larger droplets

Pressure Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed use higher flow rate nozzles instead of increasing pressure.

Number of nozzles Use the minimum number of nozzles that provide uniform coverage Nozzle Orientation Small droplets are more prone to spray drift and can be minimized by several factors including orienting nozzles away from the air stream Orienting

nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type Use a nozzle type that is designed for the intended application. With most nozzle types narrower spray angles produce larger droplets. Consider using low drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

BOOM LENGTH

For some use patterns reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width

APPLICATION HEIGHT

Applications should not be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind

SWATH ADJUSTMENT

When applications are made with a crosswind the swath will be displaced downwind Therefore on the up and downwind edges of the field the applicator should compensate for this displacement by adjusting the path of the aircraft upwind Swath adjustment distance should increase with increasing drift potential (higher wind smaller drops etc.)

WIND

Drift potential is lowest between wind speeds of 2 10 mph. However, many factors including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in low relative humidity set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry

TEMPERATURE INVERSIONS

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and

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moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion while smoke that moves upward and rapidly dissipates indicates good vertical air mixing

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas bodies of water known habitat for threatened or endangered species non target crops) is minimal (e.g. when wind is blowing away from the sensitive areas)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

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 personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 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 long-sleeved shirt and long pants shoes plus socks and chemical resistant gloves

COMPATIBILITY

MILTREX 10 SC FUNGICIDE when diluted with an equal volume of water is physically compatible with a wide range of commonly used spray products but the full range of compatibilities under local conditions is not known. Therefore, it is essential that before using MILTREX 10 SC FUNGICIDE in any tank mixture the compatibility of the mixture.

be established Add a small amount of this product to an equal volume of water in a small container and then add the other pesticide or spray product and mix thoroughly DO NOT USE MIXTURES THAT CURDLE PRECIPITATE OR GREASE FOR BEST RESULTS SPRAY MIXTURES SHOULD BE USED IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION

DIRECTIONS FOR AERIAL OR GROUND SPRAY APPLICATION

MILTREX 10 SC FUNGICIDE is a 10% suspension concentrate for the control of powdery mildew on the crops listed on this label. Thorough spray coverage is essential for optimal performance

Users must read understand and follow the label use rates and restrictions. Minimum label rates may be used under low disease pressure conditions while maximum label rates and shortened spray intervals are recommended under high disease pressure. For application, determine the number of acres to be treated, the recommended label use rate, and the spray volume per acre. Prepare only the amount of spray solution that is necessary to spray the measured acres. Calibrate spray equipment prior to use.

Ground Application For optimal disease control use thorough spray coverage Good spray coverage is a function of spray pressure spray volume per acre nozzle type and spacing and application equipment speed. Calibrate spray equipment prior to use

Aerial Application Apply in a minimum of 5 GPA for row crops and 10 GPA for orchard crops. Do not apply under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur

MIXING INSTRUCTIONS

Recommended Mixing and Application Instructions for MILTREX 10 SC FUNGICIDE

MILTREX 10 SC FUNGICIDE is a liquid suspension concentrate formulation that readily disperses in water to form a spray mixture which may be applied by ground or air

- 1 Plan ahead Prepare only enough spray mixture as can be applied on the day of mixing
- 2 Fill tank 1/4 1/2 full with the required amount of total spray volume of water
- 3 Shake the product container well before using Begin agitation and add product
- 4 Continue to fill tank
- 5 Allow mixing in tank for 2 minutes after filling or until thoroughly mixed before applying
- 6 Maintain continuous agitation during mixing and application to assure uniform

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suspension If mixture sits without agitation for extended periods agitate the mixture for at least 10 minutes before use

- 7 Equip spray system with a 50 mesh inline filter which will protect nozzles that are typically used Nozzles may also be equipped with 50 mesh nozzle filters or 25 to 50 mesh (equivalent) slotted nozzle filters
- 8 MILTREX 10 SC FUNGICIDE may be unstable in water pH below 4 and above 9 If necessary buffer water to obtain optimum pH range

Special Instructions for Tank Mixing MILTREX 10 SC FUNGICIDE

When tank mixing MILTREX 10 SC FUNGICIDE with other products introduce the products into the tank in the following order (1) water soluble packets (2) wettable powders (3) water dispersable granules (4) flowable liquids (such as MILTREX 10 SC FUNGICIDE and (5) emulsifiable concentrates Always allow each product to fully disperse before adding the next product

APPLICATION INSTRUCTIONS

ROW CROPS

Apply a minimum finished spray volume of 5 gallons per acre by air or 20 gallons per acre by ground unless otherwise directed under crop specific directions. For best results, it is important to obtain thorough and uniform spray coverage of the plant. For aerial application, select nozzles and pressure that deliver **MEDIUM** spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE Standard S 572.

To clean the sprayer after use drain and flush with water. Use rinsate on crop according to label instructions or dispose of in an approved manner (See STORAGE AND DISPOSAL)

ORCHARD AND VINE CROPS

To achieve optimum pest control it is important to obtain thorough and uniform spray coverage. Choose a finished spray volume appropriate for the size of tree or vine and amount of foliage which will provide thorough coverage throughout the canopy. Also follow recommendations listed under crop specific directions. For aerial application select nozzles and pressure that deliver MEDIUM spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE Standard S 572. Aerial applications may not provide as thorough coverage as ground applications and subsequently disease control may be reduced.

To clean the sprayer after use drain and flush with water. Use rinsate on crop according to label instructions or dispose of in an approved manner (See STORAGE AND DISPOSAL)

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CHEMIGATION

Do not apply this product through any type of irrigation system

DISEASE RESISTANCE MANAGEMENT

MILTREX 10 SC contains a Group U6 fungicide Fungal isolates with acquired resistance to Group U6 may eventually dominate the fungal population if Group U6 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by MILTREX 10 SC or other Group U6 products

To delay fungicide resistance consider

- 1) Avoiding the consecutive use of MILTREX 10 SC or other Group U6 fungicides that have a similar target site of action on the same pathogens
- 2) Using tank mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern
- 3)Basing fungicide use on a comprehensive IPM program
- 4) Monitoring treated fungal populations for loss of field efficacy
- 5) Contacting your local extension specialist certified crop advisor and/or the manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens

GENERAL RESTRICTIONS

Do not apply more than 0 044 lbs a r per acre to any field in a 12 month period

Do not plant back any crop other than those on this label within 30 days following the last application

Do not use adjuvants and surfactants with MILTREX 10 SC Fungicide

CUCURBIT VEGETABLES

SPRAY VOLUME FOR CUCURBIT VEGETABLES Apply in a minimum finished spray volume of 5 gallons per acre by air or 20 gallons per acre by ground

SITE	DISEASE	MILTREX 10 SC FUNGICIDE (oz/acre) [POUNDS ACTIVE]	USE RECOMMENDATIONS	RESTRICTIONS
CUCURBIT VEGETABLES Including but not Ilimited to Pumpkin Squash (summer and winter) Watermelon and other melons such as Chayote (fruit) Chinese waxgourd (Chinese preserving melon) Citron melon Cucumber Gherkin Gourd (edible) Mormordica spp Muskmelon (hybrid and/or cultivars of Cucumis melo including true cantaloupe cantaloupe casaba chreshaw melon golden pershaw melon honeydew melon honey balls mango melon Persian melon pineapple melon Santa Claus melon and snake melon)	Powdery mildew	17 34	Begin application at first sign of disease development For the control of other foliar cucurbit diseases applications of registered fungicides should be made according to their label directions for use	Do not make more than two (2) applications per year Do not apply more than once every seven (7) days Do not exceed a total of 0 044 lbs active ingredient (3 4 oz product/A X 2 applications) per acre per year Applications may be made up to and including the day of harvest (PHI = 0 days)

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GRAPES and small fruit vine climbing crop subgroup except fuzzy kiwifruit

SPRAY VOLUME FOR GRAPES AND SMALL FRUIT VINE CLIMBING CROP SUBGROUP EXCEPT FUZZY

KIWIFRUIT Apply in a minimum finished spray volume of 5 gallons per acre by air or 20 gallons per acre by ground

SITE	DISEASE	MILTREX 10 SC FUNGICIDE (oz/acre) [POUNDS ACTIVE]	RECOMMENDED SPRAY INTERVAL (DAYS)	USE RECOMMENDATIONS	RESTRICTIONS
GRAPES Amur river grape gooseberry kiwifruit hardy maypop schisandra berry cultivars varieties and/or hybrids of these	Powdery	1 7 [0 011] 3 4 [0 022]	7 14	Begin application at first sign of disease development For the control of other foliar diseases of grapes applications of registered fungicides should be made according to their label directions for use	Do not make more than two (2) applications per year Do not apply more than once every seven (7) days Do not exceed a total of 0 044 lbs active ingredient (3 4 ozs product/A X 2 applications) per acre per year Do not apply within three (3) days of harvest (PHI = 3 days) Do not make more than two (2) applications per year Do not apply more than once every 14 days Do not exceed a total of 0 044 lbs active ingredient (3 4 ozs product/A X 2 applications) per acre per year Do not apply within three (3) days of harvest (PHI = 3 days)

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POME FRUIT

SPRAY VOLUME FOR POME FRUIT Apply in a minimum finished spray volume of 10 gallons per acre by air or 50 gallons per acre by ground

SITE	DISEASE	MILTREX 10 SC FUNGICIDE (oz/acre) [POUNDS ACTIVE]	USE RECOMMENDATIONS	RESTRICTIONS
POME FRUIT Apple Pear Crabapple Loquat Mayhaw Quince Oriental pear	Powdery mildew	3 4 [0 022]	Begin application at first sign of disease development For the control of other foliar diseases of pome fruit applications of registered fungicides should be made according to their label directions for use	Do not make more than two (2) applications per year Do not apply more than once every 14 days Do not exceed a total of 0 044 lbs active ingredient (3 4 ozs product/A X 2 applications) per acre per year Do not apply within 14 days of harvest (PHI = 14 days)



STRAWBERRIES AND OTHER LOW GROWING BERRIES (except cranberries)

SPRAY VOLUME FOR STRAWBERRIES AND OTHER LOW GROWING BERRIES Apply in a minimum finished spray volume of 10 gallons per acre by air or 20 gallons per acre by ground

SITE	DISEASE	MILTREX 10 SC FUNGICIDE (oz/acre) [POUNDS ACTIVE]	USE RECOMMENDATIONS	RESTRICTIONS
STRAWBERRIES AND OTHER LOW GROWING BERRIES (except cranberries) Bearberry Bilberry Lowbush Blueberry Cloudberry Lingonberry Muntries Partridgeberry and cultivars varieties and/or hybrids of these	Powdery mildew	17-34 [0 011-0 022]	Begin application at first sign of disease development For the control of other foliar diseases of strawberries and other low growing berries applications of registered fungicides should be made according to their label directions for use	Do not make more than two (2) applications per year Do not apply more than once every 14 days Do not exceed a total of 0 044 lbs active ingredient (3 4 ozs product/A X 2 applications) per acre per year Applications may be made up to and including the day of harvest (PHI = 0 days)

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal STORAGE Store unused product in original container only out of reach of children and animals

DISPOSAL Nonrefillable container Do not reuse or refill this container Offer for recycling if available Clean container promptly after emptying Triple rinse as follows Empty the remaining contents in application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ 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

IMPORTANT READ BEFORE USE

Read the entire Directions for Use Conditions Disclaimer of Warranties and Limitation of Liability before using this product. If terms are not acceptable return the unopened product container at once. By using this product user or buyer accepts the following Conditions. Disclaimer of Warranties and Limitations of Liability.

CONDITIONS The Directions for Use of this product are believed to be adequate and should be followed carefully However it is impossible to eliminate all risks associated with the use of this product. Crop injury ineffectiveness or other unintended consequences may result because of such factors as weather conditions presence of other materials or the manner of use or application all of which are beyond the control of Nippon Soda Co Ltd All such risks shall be assumed by the user or buyer DISCLAIMER OF WARRANTIES To the extent consistent with applicable law Nippon Soda Co Ltd makes no other warranties express or implied or merchantability or of fitness for a particular purpose or otherwise that extend beyond the statements made on this label No agent of Nippon Soda Co Ltd is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein Nippon Soda Co Itd disclaims any liability whatsoever for special incidental or consequential damages resulting from the use or handling of this product LIMITATIONS OF LIABILITY To the extent consistent with applicable law the exclusive remedy of the user or buyer for any and all losses injuries or damages resulting from the use or handling of this product whether in contract warranty tort negligence strict

Miltrex® is a registered trademark of Nippon Soda Co Ltd

Ltd's election the replacement of product

liability or otherwise shall not exceed the purchase price paid or at Nippon Soda Co