

1529-67

3/5/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

1529-67

Date of Issuance:

MAR 5 2014

Term of Issuance:

Unconditional

Name of Pesticide Product:

Nuosept 515RX Preservative

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

International Specialty Products
An Ashland Inc. Business
1005 U.S. 202/206
Bridgewater, NJ 08807

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

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(5). Please note, you are required to submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)

Date:

MAR 5 2014

ASHLAND.

NUOSEPT™ 515RX PRESERVATIVE

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE
DAMAGE AND SKIN BURNS. MAY CAUSE
ALLERGIC SKIN REACTION. HARMFUL IF
INHALED. HARMFUL IF SWALLOWED OR
ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, on clothing. Mixers,
loaders and others exposed to this product must
wear long-sleeved shirt and long pants; chemical
resistant gloves such as nitrile or butyl rubber;
shoes plus socks; goggles and face shield; and
chemical resistant apron. Discard clothing or 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/maintaining PPE. If no such instructions

for washables exist, use detergent and hot water.
Keep and wash PPE separately from other
laundry. Users should wash hands before eating,
drinking, chewing gum, using tobacco or using the
toilet. Users should remove clothing immediately if
pesticide gets inside. Then wash thoroughly and
put on clean clothing. Users should remove PPE
immediately after handling this product. Wash the
outside of gloves before removing. As soon as
possible, wash thoroughly. This product may cause
skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and
aquatic invertebrates. Do not discharge effluent
containing this product into lakes, streams, ponds,
estuaries, oceans or other 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 or Regional Office
of the EPA. Do not contaminate water by cleaning
of equipment or disposal of waste. Apply pesticide
only as specified on this label.

™ Trademark, Ashland or its subsidiaries, registered in
various countries

Net weight: _____

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one.....1.11%
2-Methyl-4-isothiazolin-3-one.....0.39%
INERT INGREDIENTS.....98.50%
TOTAL.....100.00%

This product contains the active ingredients at 0.1326
pounds per gallon
Contents could be of U.S. or Great Britain

EPA Reg. No. 74655-23-1529

EPA Est. No. 74655-TX-1 74655-GA-001

KEEP OUT OF REACH OF
CHILDREN
DANGER

FIRST AID

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 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 a poison control center or doctor. Do not give
anything by mouth to an unconscious person.

IF ON SKIN OR ON 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 INHALED:

Move the 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.

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

IN CASE OF EMERGENCY CALL
1-800-ASHLAND

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a
manner inconsistent with its labeling.
Do not apply this product in a way that will contact workers or
other persons, either directly or indirectly, during use.
NUOSEPT® 515RX PRESERVATIVE is not recommended for
bacterial and fungal contamination in water. For a poleseal fouled
NUOSEPT® 515RX PRESERVATIVE is not recommended for
use in potable water systems or where contamination of potable
water can occur.

SYNTHETIC LATEX PRESERVATIVE

NUOSEPT® 515RX PRESERVATIVE prevents microbial
contamination in synthetic latex emulsion systems. The
recommended dosage range for latex preservation is 0.01
to 0.1% on a total weight basis. For a poleseal fouled
water level for latex preservation is 0.02% to 0.06%.

ADHESIVES

NUOSEPT® 515RX PRESERVATIVE is an aqueous
preservative designed to reduce bacterial and fungal
contamination in natural (animal, protein and vegetable glues)
and synthetic (polyvinyl acetate, ethylene vinyl acetate, styrene
butadiene, polyurethane, polyurethane, etc.) adhesives. It is effective in
reducing spoilage in adhesives formulated with animal skin,
vegetable ingredients. The normal recommended dosage
range is 0.01% to 0.10% based on the total formulation weight
of the adhesive. A higher incorporation level, from 0.1% to
0.3% on a total weight basis, will be required in highly
susceptible adhesives. The product can be added neat or
diluted with water. NUOSEPT® 515RX PRESERVATIVE can
be incorporated with agitation either into the makeup water
blend or post-added.

PULP AND PAPER MILL SYSTEMS

NUOSEPT® 515RX PRESERVATIVE is a broad-spectrum anti-
microbial product designed to control bacterial and fungal
slimes in papermaking systems. Dosage of NUOSEPT® 515RX
PRESERVATIVE will vary from 0.44 to 1.5 lbs. (7 to 23 fluid
ounces per ton (dry basis) of finished paper produced, based
on the type of sludge and the degree of contamination. Badly fouled systems should be cleaned before
initial treatment. NUOSEPT® 515RX PRESERVATIVE is
typically slug-fed with a chemical metering pump linked to a
timer. It should be added to a point in the system to insure
uniform mixing such as the beater, hydro-pulper, fan or broke
storage pumps. Specific feeding points and schedules will be
recommended by an Ashland representative for the particular
application.

MINERAL SLURRIES/COLORANTS

NUOSEPT® 515RX PRESERVATIVE can be incorporated into
aqueous mineral slurries, such as clay, calcium carbonate and
titanium dioxide to reduce bacterial and fungal contamination
and thus maintain product integrity. For mineral slurries, such
as clay and calcium carbonate and other aqueous colorants, the
recommended dosage range is 0.01% to 0.05% on the total
weight of the slurry. For mineral slurries, a higher
dosage level of 0.05% to 0.2% on the total weight basis may
be required. NUOSEPT® 515RX PRESERVATIVE is
generally post-added, under slight agitation, into the mineral
slurry or colorant before being stored or shipped.

METAL WORKING FLUIDS

NUOSEPT® 515RX PRESERVATIVE is recommended for use
as a preservative in aqueous metal-working fluids. To maintain
an uncontaminated system, a minimum dosage level of
approximately 225 ppm (1.93 pounds or 29 fluid ounces per
1000 gallons of water) of NUOSEPT® 515RX PRESERVATIVE
every four weeks would be appropriate. Every eight or twelve
weeks, 250 - 1200 ppm (2.07 - 9.94 pounds or 32 - 145 fluid
ounces) of NUOSEPT® 515RX PRESERVATIVE should be added.
PRESERVATIVE would be appropriate. For a poleseal fouled
system, an initial treatment at a dosage range of 500-1150 ppm
(4.14 - 9.63 pounds or 62 - 143 fluid ounces per 1000 gallons
of water in the system) would be suitable followed by
maintenance dosages.

Higher dosages and more frequent treatments may be needed
depending on the rate of dilution of the preservative in the
system and the degree of contamination. The recommended level
of control required, the effectiveness of filtration and the system
design.

INK/INK COMPONENTS/FOUNTAIN

SOLUTIONS/PHOTO PLATE PROCESSING
NUOSEPT® 515RX PRESERVATIVE is recommended for
water-based printing inks such as flexographic, gravure, screen
and ink jet types. NUOSEPT® 515RX PRESERVATIVE is
recommended for the control of bacteria and fungi in printing ink
components including pigments, plasticizers, waxes, dyes,
solvents, and other additives. The recommended dosage for the
control of bacteria and fungi in fountain solutions and photo
plate processing such as stabilizer solutions and photo
515RX PRESERVATIVE should be added to the fountain
solution concentration or processing chemical concentrate at a
level to ensure optimum preservation. The recommended
photo plate processing chemical is 0.1% to 1.0% on a total
weight basis. The optimum level range for acidic fountain
solutions is 0.2% to 0.5% and for natural fountain solutions the
level range is 0.5% to 0.8%. A level adjustment may be
necessary to accommodate the slight change in solution
formulation.

BUILDING MATERIAL PRESERVATION

NUOSEPT® 515RX is recommended as an in-can preservative
for the control of mold, mildew, rot and staining, such as
caulks, grout, joint cements, mortars and sealants.

PAINT AND COATING PRESERVATION

NUOSEPT® 515RX is recommended as an in-can preservative
for the control of bacteria and fungi in water based coatings
such as paper and wood coatings, paints used for architectural
product finishes and special-purpose coatings.

TACKIFIER PRESERVATION

NUOSEPT® 515RX is recommended as a preservative for
tackifiers derived from rosin and hydrocarbon resins.

lb. of product per 1000 lb. fluid	Grams of product per fluid	ppm of product	ppm active ingredient
0.43 lb.	1.95 g	425 ppm	6/25 ppm
1.65 lb.	7.50 g	1675 ppm	25.0 ppm

FOR INDUSTRIAL USE ONLY

ACCEPTED

03/05/2014

Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 1529-67

INTERNATIONAL SPECIALTY PRODUCTS
AN ASHLAND INC. BUSINESS
1005 U.S. 202/206
BRIDGEWATER, NJ 08807
(908) 243-3500