

SHIPPING INFORMATION

NOT CLASSIFIED AS DOT HAZARDOUS.

ICC Classification - Chemicals, NOIBN

Shipping Point - Fords, New Jersey

Container - Non-returnable steel drums

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 03 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
the pesticide
has been registered EPA Reg. No.

1160-82

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

03 AUG 1993

Mucron, Inc.
Turner Place
P.O. Box 305
Piscataway, New Jersey 08854

Attn: John Voelker

Subject: New Pres of Mucron 95 preservation
in Metalworking Fluids and Offshore
petroleum Production Operations
EPA Reg. No. 1100-82
Your Submission dated July 21, 1993

The amendments referred to above submitted in connection
with registration under FIFRA sec. 3(c)(7)(B) is acceptable,
provided that you

1. Submit and/or cite all data required for registration/
reregistration of your product under FIFRA sec. 3(c)(5) when
the Agency requires all registrants of similar products to
submit such data.

2. Submit five copies of your final printed labeling be-
fore you release the product for shipment. You may also wish
to include "Metalworking Fluids" on the front of your bulletin
under the "General Description" section.

If these conditions are not complied with, the registration
will be subject to cancellation in accordance with FIFRA sec.
6(c). Your release for shipment of the product bearing the
amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

CONCURRENCES							
SYMBOL				John H. Lee			
SURNAME				Product Manager			
DATE				Pesticide Branch			
				Registration Divis of			(95-7670)

EPA Form 1320-1 (12-79) OFFICIAL FILE COPY

NUOSEPT 95

PRESERVATIVE

metalworking f

DIRECTIONS FOR USE

It is unlawful under Federal law to use this product in a manner inconsistent with its label. Do not use NuoSept 95 on latex paints, oil-based paints, equipment, dispersants, inks, dyes, or construction materials. Spill and paper treated paper and paper board are limited for producing, manufacturing, packaging, processing, treating or preparing food products. Must be labeled for contact with dry food and general use in petroleum products and recovery. See Product Data Bulletin for detailed use directions.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (& DOMESTIC ANIMALS) DANGER!

CAUSES EYE DAMAGE
MAY CAUSE SKIN IRRITATION
HARMFUL IF SWALLOWED

Do not get in eyes, on skin,
or on clothing.

Wear goggles and rubber gloves
Avoid breathing vapor or spray mist
Respiratory protection may be required
Use with adequate ventilation
Wash thoroughly after handling
Remove contaminated clothing and
wash before re-use

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES Permit. ~~Do not apply in marine and/or estuarine or fields.~~ Do not contaminate water by cleaning of equipment or by disposing of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Keep away from heat and flame
In case of fire, use water spray, foam, CO₂ or dry chemical.
Protect from freezing

EPA Reg. No. 1100-82
EPA Est. No. 1100-NJ-02

ACTIVE INGREDIENTS:

1. Hydroxyphenyl methylcarbamate 7.8%
2. Hydroxyphenyl methylcarbamate 7.8%
3. Hydroxyphenyl methylcarbamate 7.8%
4. Hydroxyphenyl methylcarbamate 7.8%
5. Hydroxyphenyl methylcarbamate 7.8%
6. Hydroxyphenyl methylcarbamate 7.8%
7. Hydroxyphenyl methylcarbamate 7.8%
8. Hydroxyphenyl methylcarbamate 7.8%
9. Hydroxyphenyl methylcarbamate 7.8%
10. Hydroxyphenyl methylcarbamate 7.8%

INERT INGREDIENTS

KEEP OUT OF REACH OF CHILDREN DANGER! STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water for 15 minutes. Call a physician.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with soap and water. Call a physician if irritation develops.

If inhaled: Remove victim to fresh air. Give artificial respiration or oxygen if needed. Call a physician.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL - Pesticide, spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL - 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.

GENERAL - Consult federal, state or local disposal authorities for approved alternative procedures.

NET lb. kg.
LOT No.

NUODEX INC.

Turner Place, P.O. Box 365, Piscataway, NJ 08854

BEST

5

metalworking fluids,

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label. It is registered as a preservative for paints, lacers, enamels, pigment dispersions, oils, adhesives, construction materials, pulp and paper, treated paper, and paper board intended for producing, manufacturing, packaging, processing, treating or preparing food products, must be limited to contact with dry, leach, and general use in petroleum production and recovery. See Product Data Bulletin for detailed use directions.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

AUG 03 1983

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

1100-82

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL—Pesticide spray mixture or rinse that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL—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.

GENERAL—Consult federal, state or local disposal authorities for approved alternative procedures.

365, Piscataway, NJ 08854

BEST DOCUMENT AVAILABLE



1,000 PACE P.O. Box 36-
Pawcatuck, New York 11954
1971-1981

PRODUCT DATA

NUOSEPT® 95 PRESERVATIVE

EPA REG. NO. 1100-82

GENERAL DESCRIPTION

NUOSEPT 95 Preservative is a 50% aqueous solution of non-metallic organic compounds designed for use as a preservative in water-based products. NUOSEPT 95 Preservative effectively prevents deterioration and spoilage during the manufacture, storage and service of products such as latex paints, latex emulsions, pigment dispersions and slurries, inks, adhesives, caulks, sealants, paper coatings, drilling muds and flooding fluids. For example, the use of NUOSEPT 95 Preservative in latex paints will prevent bacterial decomposition of the paint during manufacture and storage without adversely affecting the physical properties, paint application characteristics or dry film performance. NUOSEPT 95 Preservative is non-yellowing and can be added at any point during paint manufacture.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, pale yellow liquid
Active Ingredients	5-Hydroxymethoxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane 24.5%
	5-Hydroxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane 17.7%
	5-Hydroxypoly[methyleneoxy (74% C ₂ , 21% C ₃ , 4% C ₄ , 1% C ₅)] methyl-1-aza-3,7-dioxabicyclo(3.3.0)octane 7.8%
Odor	Mild, characteristic
Color (APHA)	250 max., clear
Viscosity (25°C)	3.6 cSt
Specific Gravity (25/25°C)	1.137
Lbs./Gal.	9.5
Refractive Index (25°C)	1.404
pH	5-7
Flash Point (TCC)	>200°F

®Registered U.S. TM of Nuodex Inc.

ACCEPTED
with COMMENTS
In EPA REG. NO. 1100-82
AUG 03 1983
1100-82

Solubility (active ingredients, grams/100 grams @ 25°C)

Water, methanol, ethanol, acetone, chloroform, ethylene glycol--
soluble in all proportions.

Hexane	0.2
Petroleum ether	0.2
Xylene	1.5
Benzene	2.8
Ethyl ether	28.0

ACCEPTED
SOLUBILITIES
in EPA Label Draft

AUG 03 1983

1100 82

Stability

Stable under normal conditions of storage. Protect from freezing.

RECOMMENDED USE BY INDUSTRY

A. Adhesive

Adhesives based on natural products as starch and dextrin are readily degradable. To protect these adhesives during manufacture and storage, NUOSEPT 95 Preservative is recommended at weight percent additions of 0.2-0.5.

Those adhesives based on latex emulsions are also subject to spoilage. However, the severity of the spoilage depends on the resin type, organic additives and the pH. Typical use-levels of NUOSEPT 95 Preservative in these systems range from 0.1 to 0.5 weight percent.

B. Construction Materials

Latex based caulks and sealants are used to seal joints or voids against water, air, dust and sound. They are often supplied as knife or gun-grade compounds for ease of application. To protect these materials during manufacture and on the shelf, the use of NUOSEPT 95 Preservative at 0.1-0.5 weight percent is recommended.

C. Latex Emulsion

Raw latex emulsions, e.g., polyvinyl acetate or acrylic, can support microbial growth during transport and storage. NUOSEPT 95 Preservative at a use-level of 0.05 to 0.2 percent by weight is recommended.

D. Ink

The shelf life of water-based fountain pen and printing inks can be increased by the addition of NUOSEPT 95 Preservative at 0.1-0.3 weight percent.

E. Paint

Latex paints are susceptible to microbial spoilage. For example, the bacterial degradation of cellulosic thickened paints can cause thinning to unacceptably low viscosities. NUOSEPT 95 Preservative at 0.1-0.5 percent by weight will prevent the microbial deterioration of latex paints.

F. Petroleum Production and Recovery

NUOSEPT 95 Preservative at 0.1-0.2 weight percent is recommended for the preservation of drilling muds. Fluids used to flood strata for the secondary recovery of petroleum should contain 0.05-0.1 weight percent NUOSEPT 95 Preservative.

G. Pigment Dispersion and Slurry

Clay and titanium dioxide slurries and dispersions of organic pigments require protection against deterioration of dispersants and other additives. NUOSEPT 95 Preservative adequately protects these systems at concentrations of 0.05 to 0.2 weight percent.

H. Pulp and Paper

Treated paper and paper board intended for producing, manufacturing, packaging, processing, treating or preparing food products must be limited to contact with dry food.

Paper coatings and printing colors based on natural products such as starch should be protected with 0.2 to 0.5 weight percent NUOSEPT 95 Preservative.

Products based on latex emulsions are less susceptible to spoilage; consequently, the use of 0.1-0.3 weight percent NUOSEPT 95 Preservative is recommended.

I. Metalworking Fluids

To prevent the spoilage of metalworking fluids, NUOSEPT 95 Preservative is recommended at use-levels of 0.1-0.3 percent based on the weight of the diluted fluid. Similar levels are recommended for use in recirculating systems.

ACCEPTED
WITH COMMENTS
RECEIVED
AUG 03 1963
FBI
LABORATORY

USE-LEVEL SUMMARY

End-Use	Reason for Treatment	Recommended Use-Level ⁽¹⁾ of NUOSEPT 95 Preservative	Point of Addition
Adhesive (Natural-Based)	To prevent spoilage during manufacture and storage	0.2-0.5	Add to water phase or post add.
Adhesive (Synthetic)	To prevent spoilage during manufacture and storage	0.1-0.5	Add to water phase or post add.
Caulks	To increase shelf-life	0.1-0.5	Add to water phase during manufacture.
Drilling Muds	To prevent spoilage during manufacture, storage and service.	0.05-0.2	Add to water phase or post add.
Flooding Fluids	To prevent spoilage during storage and service.	0.01-0.1	Post addition.
Latex Emulsion	To prevent spoilage during transit and storage.	0.05-0.3	Post addition.
Latex Paint	To prevent spoilage during manufacture and to increase shelf-life.	0.1-0.5	Add at any point during manufacture.
Inks	To prevent spoilage during storage and service.	0.1-0.3	Post addition.
Paper Coatings	To prevent spoilage during manufacture and storage.	0.1-0.5	Add to water phase or post add.
Pigment Dispersion	To increase shelf life.	0.1-0.3	Add at any point during manufacture.
Pigment Slurry	To prevent spoilage during transit and storage	0.05-0.1	Add to water phase or post add.
Sealants	To increase shelf-life	0.1-0.5	Add to water phase during manufacture.
Metalworking Fluids	To protect during manufacture and service.	0.1-0.3	Add to water phase or post add.

Legend: (1) Percent by weight of formulation. The optimum amount of NUOSEPT 95 Preservative required for adequate preservation is best determined by conducting a series of test loadings and making any subsequent adjustments.

HAZARDOUS PROPERTIES

DANGER! NUOSEPT 95 Preservative causes eye damage. May cause skin irritation. Harmful if swallowed.

Do not get in eyes, on skin, or on clothing. Wear goggles and rubber gloves. Avoid breathing vapor or spray mist. Use with adequate ventilation. Wash thoroughly after handling. Remove contaminated clothing and wash before re-use.

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES Permit. Do not apply in marine and/or estuarine oil fields. Do not contaminate water by cleaning of equipment or by disposing of wastes.

Keep away from heat and flame. In case of fire, use water spray, foam, carbon dioxide or dry chemical.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water for 15 minutes. Call a physician.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with soap and water. Call a physician if irritation develops.

If inhaled: Remove victim to fresh air. Give artificial respiration or oxygen if needed. Call a physician.

STORAGE AND DISPOSAL

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

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CONTAINER DISPOSAL - 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.

GENERAL - Consult federal, state or local disposal authorities for approved alternative procedures.

Protect from freezing.

ACCEPTED

for comments
in EPA 10-1-10-1

AUG 03 1983

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