

• MARCA REGISTRADA •

For Industrial Use Only

MADE IN U.S.A.

NET WEIGHT 375 LBS., 55 GALLONS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

WARNING

May be fatal or harmful if swallowed, inhaled, or absorbed through the skin. Causes eye and skin irritation. In case of contact, flush with plenty of water; for eyes, get medical attention. Do not get on skin, in eyes, or on clothing. Avoid breathing of vapor. Wear safety goggles and rubber gloves when handling the concentrate. Wash thoroughly with soap and water after using.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label. Avoid contamination of feed and food.

DIRECTIONS FOR USE

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

Preservation of Synthetic Rubber Latex - To preserve synthetic rubber latex from attack by bacteria and/or fungi, add 0.02 to 0.05 percent VANCIDE TH by weight of the latex.

See side panel for additional directions for use

Vancide* TH

U.S. Patent 3,755,590

INDUSTRIAL PRESERVATIVE

ACTIVE INGREDIENTS:

Hexahydro-1,3,5-triethyl-s-triazine

95%

INERT INGREDIENTS:

5%

100%

This active ingredient has been cleared for use as an antimicrobial agent in the manufacture of paper and paperboard.
(21 CFR 176.170)

Keep out of reach of children.

WARNING

STATEMENT OF PRACTICAL TREATMENT

If swallowed, even in small quantities, induce vomiting and consult a physician.

If inhaled, remove victim to fresh air.

If on skin, wash thoroughly with soap and water.

If in eyes, flush with plenty of water. Get medical attention.

See side panel for additional precautionary statements

Directions for Use (Continued)

8107

Preservation of Adhesives - To preserve starch based adhesives from attack by bacteria and/or fungi add 0.01 percent VANCIDE TH by weight to adhesive composition. To preserve soya flour adhesives, add 0.05 percent VANCIDE TH by weight of the adhesive composition.

Preservation of Cutting Oils - To prevent cutting oils from developing undesirable odors and broken emulsions due to bacterial action, add 3% VANCIDE TH to the cutting oil concentrate in order that the final dilution of 1 in 20 to 1 in 75 with water will contain 400 to 1500 ppm of the VANCIDE TH. See VANCIDE TH Technical Data Sheet for further information.

Preservation of Latex Paint and Aqueous Slurries - To preserve water based alkaline paints and slurries in storage, add 0.5 to 1.5 pounds (0.05 to 0.15%) per 100 gallons of paint or slurry.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

EPA REG NO 1965-55 EPA Est No 1965-KY-1



R.T. Vanderbilt Company, Inc.

INDUSTRIAL MINERALS AND CHEMICALS

30 Winfield Street, Norwalk, CT 06855 Emergency: (800) 424-9300

NON-WARRANTY OF RESULTS. Our recommendations for use are based on tests believed reliable. Since the use is beyond our control, neither we nor the manufacturer can guarantee the results if such use is not in accordance with directions. We disclaim any responsibility for damages resulting from careless or improper handling or use.

MADE IN U.S.A.

CORROSIVE LIQUID, N.O.S.
UN 1760

1165-53

TH

Patent 3 755 530

Directions for Use (Continued)

8107

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E.P.A. REG NO 1965-55 EPA Est No 1965-FY 1



DERIVATIVE
95%
5%
100%

children.

TREATMENT
induce vom-
p and water
ter. Get medical

ary statements



pany, Inc.

ergency: (800) 424-8300

on tests believed reliable. Since the use
results if such use is not in accordance
careless or improper handling or use.



R. T. Vanderbilt Company, Inc.
INDUSTRIAL MINERALS AND CHEMICALS

30 Winfield Street, Norwalk, CT 06855 • (203) 853-1400 • TWX 710-468-2940
West Coast: 6279 East Slauson Avenue, Los Angeles, CA 90040 • (213) 723-5208

**TECHNICAL
DATA**

VANCIDE® TH

Industrial Preservative
U.S. Patent 3,755,590

Preservation of cutting oils:

To prevent cutting oils from developing undesirable odors and broken emulsions due to bacterial action, add 3% **VANCIDE TH** to the cutting oil concentrate in order that the final dilution of 1 in 20 to 1 in 75 with water will contain 400 to 1500 ppm of the **VANCIDE TH**.

Preservation of Synthetic Rubber Latex:

To preserve synthetic rubber latex from attack by bacteria and/or fungi, add 0.02 to 0.05% **VANCIDE TH** by weight of the latex.

Preservation of adhesives:

To preserve starch based adhesives from attack by bacteria and/or fungi add 0.01% **VANCIDE TH** by weight of the adhesive composition. To preserve soya flour adhesives, add 0.05% **VANCIDE TH** by weight of the adhesive composition.

This active ingredient has been cleared for use as an anti-microbial agent in manufacture of paper and paper-board. (21CFR 176.170)

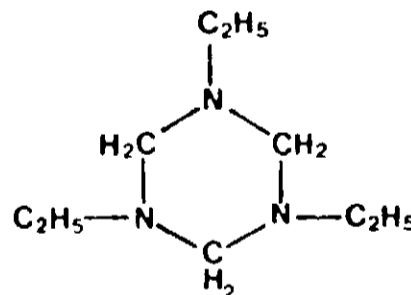
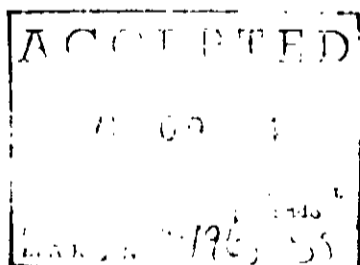
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Chemical composition:

Hexahydro-1,3,5-triethyl-s-triazine

Structural formula:



Molecular weight:

171.29

Physical form:

Colorless to light yellow liquid

Density at 25 C:

0.89 ± 0.02 Mg/m³ (7.4 lbs./gallon)

Flash point (TCC):

66 C (150 F)

Boiling range:

205 to 210 C (401 to 410 F)

Solubility:

Soluble in acetone, ethyl alcohol, ether and water. Moderately soluble in hydrocarbon solvents

Stability:

Stable under common conditions of storage. Stable only in formulations at pH 7.5 and above.

Decomposition

VANCIDE TH can be converted to ethylamine and formaldehyde by adjusting the pH of the substrate to pH 5.3 or lower. Decomposition proceeds at a reasonable rate.

BEST DOCUMENT AVAILABLE

Toxicology:

Acute oral toxicity: LD, Rats - 280 mg/kg for male or female

Acute dermal toxicity: LD, Rabbits - 499 mg/kg

Acute inhalation: Rats - 2660 mg/m³ for one hour caused transient symptoms of increased salivation movements, alternate depression and hyperactivity, and yellow staining of fur. However, autopsy after 14 days showed no significant gross pathology.

VANCIDE TH in paraffin oil, in distilled water, in an oil-in-water emulsion and in water-in-oil emulsion caused no percutaneous toxicity to the skin of albino rabbits after 24-hour exposure to concentrations of 1,000 and 10,000 ppm. There was no irritation to nonabraded skin and only slight irritation to abraded skin, which healed completely before the end of the 14-day observation period.

Fish toxicology:

Concentration mg/liter (96 hours)

	VANCIDETH	DDT
TL ₅₀ Bluegills	30.8	0.007
TL ₅₀ Rainbow Trout	23.3	0.006

Bird toxicology:

TL₅₀ adult Bob White Quail
500 mg/kg males
410 mg/kg females

Acute oral LD, adult Mallard Ducks
595 mg/kg males
670 mg/kg females

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