

AUG 1 1985

Drew Chemical Corporation
One Drew Chemical Plaza
Boonton, NJ 07005

Gentlemen:

Subject: Amerstat 300
EPA Registration No. 1757-72
Your Submission of March 12, 1985

We are accepting this amendment under Section 162.9-1 (b) of 40 CFR,
for which no consideration of data is necessary. A copy of the amended
label is enclosed bearing our acceptance stamp.

Sincerely yours,



J. A. E. Castillo
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD/TS-JOB: 51673: Jenkins: RD: 85/32: Kendrick: 898-1270: 6/26/85: Del. 7/8/85: cac

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Product Data

AMERSTAT® 300 microbiocide

GENERAL DESCRIPTION

AMERSTAT® 300 is a water miscible microbial control agent possessing broad spectrum activity. AMERSTAT® 300 is effective as a slimeicide for controlling the growth of slime in papermills. It is also effective as a preservative in aqueous systems including paint and coatings, adhesives and animal glues, inks, latex, mineral slurries, drilling muds, metal working fluids and paper coatings. AMERSTAT® 300 is an effective mildewicide in paints and coatings and in adhesives and animal glues.

TYPICAL PROPERTIES

Active Ingredient:	2, 2-Dibromo-3-nitrilopropionamide
Appearance:	Clear to amber liquid, little or no odor
Flash Point:	None (PMCC)
Specific Gravity:	1.25 (25°C/77°F)
pH:	1.2 - 2.4 (neat)
Solubility:	Completely miscible
Sensitivity to pH, Temperature and Ultraviolet Light:	AMERSTAT® 300 is biologically active in both acid and moderately alkaline pH ranges. Aqueous, alkaline solutions (\geq pH 9) cause it to lose biological activity. The same response is produced by elevated temperature and/or ultraviolet light. If acidic solutions (pH 3-4) are kept at room temperature and out of ultraviolet light, they are stable for at least seven days.

PACKAGING

Container: **ACCEPTED**
with COMMENTS
in EPA Letter Dated 55-gallon lined steel drum

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

1757-72

AMERSTAT® 300 is a registered pesticide of the United States Environmental Protection Agency. It is a water miscible microbial control agent. It is effective as a slimeicide for controlling the growth of slime in papermills. It is also effective as a preservative in aqueous systems including paint and coatings, adhesives and animal glues, inks, latex, mineral slurries, drilling muds, metal working fluids and paper coatings. AMERSTAT® 300 is an effective mildewicide in paints and coatings and in adhesives and animal glues. It is a water miscible microbial control agent. It is effective as a slimeicide for controlling the growth of slime in papermills. It is also effective as a preservative in aqueous systems including paint and coatings, adhesives and animal glues, inks, latex, mineral slurries, drilling muds, metal working fluids and paper coatings. AMERSTAT® 300 is an effective mildewicide in paints and coatings and in adhesives and animal glues.

PC-DS-205

TOXICITY OF AMERSTAT® 300

Animal tests show that AMERSTAT® 300 is moderate to high in oral toxicity. The LD50 value for single doses of the active ingredient by intubation in female rats was 177 mg./kg. body weight. These data indicate that ingestion of relatively small amounts may be capable of causing serious illness.

Eye contact tests on laboratory animals indicate that AMERSTAT® 300 damages the eye seriously enough that permanent impairment or loss of vision is likely to occur. Flushing the eye with water is not expected to be of much help in averting vision impairment. Hence, AMERSTAT® 300 must be considered to present a serious hazard from eye contact, and chemical worker's goggles MUST be worn when handling this product.

A single, short skin exposure to AMERSTAT® 300 should result in no significant irritation. A single prolonged or frequently repeated skin exposure, however, may result in irritation, even a burn, depending upon the severity of exposure.

Based on animal tests, this material is not likely to be absorbed through the skin in acutely toxic amounts. Hence, AMERSTAT® 300 may be considered to present only a moderate hazard from skin contact.

E.P.A. Reg. No. 1757-72