

# TROYSAN 142

B A C T E R I O C I D E

E.P.A. REG. NO. 1 5111 7  
E.P.A. EST. NO. 1 05111

TROYSAN 142 IS A HIGHLY EFFECTIVE PRESERVATIVE FOR LATEX SYSTEMS, ADHESIVES, DISPERSED COLORS, PROTEIN COLLOIDS AND RESIN EMULSIONS.

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.

#### ACTIVE INGREDIENTS:

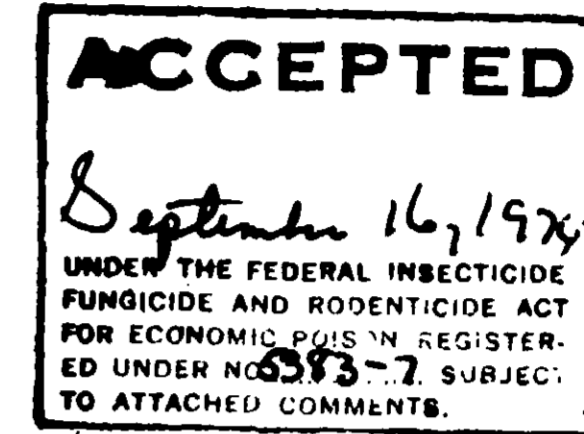
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione ..... 99%

INERT INGREDIENT: ..... 1%

**SOLD FOR MANUFACTURING USE ONLY**

MANUFACTURED BY  
**TROY CHEMICAL CORPORATION**

ONE AVENUE L NEWARK, NEW JERSEY 07105



FOR FURTHER INFORMATION AND INSTRUCTIONS, SEE "TECHNICAL BULLETIN TROYSAN 142"

## CAUTION!

DUST MAY CAUSE SKIN IRRITATION. AVOID PROLONGED SKIN CONTACT. DO NOT BREATHE DUST. MAY BE HARMFUL IF SWALLOWED. WASH HANDS THOROUGHLY AFTER CONTACT.

CONTENTS

LBS. NET



## TROYSAN 142

Chemical Name: 2-Thienyl-4-methyl-6-phenyl-1,3,5-triazole

**PRODUCT**

Troysan 142 is a non-metallic organic chemical which possesses high anti-microbial properties. It has been cleared for use as a preservative only for food packaging adhesives of all types (Federal Register, 26rd Sept. 12, 1961, p. 8510).

Troysan 142 is a highly effective preservative for water systems including adhesives, dispersed colors, protein colloids, resin emulsions and the like.

**USE**

For shelf or can stability of water-containing materials, a minimum of 0.1% based on the total weight of the formulation is suggested. In some formulations it may be necessary to use up to 0.25%. Troysan 142 may be incorporated by stirring with mild agitation.

Since all water systems are subject to bacterial and fungal attack, it is best to incorporate Troysan 142 at the point where water is first introduced into the formula.

When cooling or prolonged elevated temperatures are employed, Troysan 142 should be added as soon as possible after the product has been prepared, preferably when the temperature is depressed to a practical minimum.

Troysan 142 is generally stable in high pH ranges (pH 8.0 and above) and may be expected to provide protection against recontamination. The stability of Troysan 142 decreases as pH drops. Below pH of 6, protection against recontamination should not be expected for more than 3 to 6 months.

Since aqueous systems vary widely in susceptibility to microbial spoilage, the levels suggested above are intended for guidance only. The Troysan Microbiological Laboratory is prepared to establish more precise levels applicable to specific products.

Troysan 142 possesses a slight distinctive odor. The odor usually is not detectable in products containing the recommended levels of Troysan 142. Troysan 142 is also available in a specially flavored form.

**PACKAGING**

100% Pure	100
95% Pure	100
90% Pure	100
85% Pure	100
80% Pure	100
75% Pure	100
70% Pure	100
65% Pure	100
60% Pure	100
55% Pure	100
50% Pure	100
45% Pure	100
40% Pure	100
35% Pure	100
30% Pure	100
25% Pure	100
20% Pure	100
15% Pure	100
10% Pure	100
5% Pure	100

**PACKAGING**

50 and 100 lb. Fibre Drums

**TROYSAN FUNGICIDES AND PRESERVATIVES**

**TROYSAN PM60-D** is an effective mildew inhibitor for use in Milkery. For use in Milkery, Troysan PM60-D is available in 50 lb. Fibre Drums.

**TROYSAN PM60-A** is a preservative for use in Milkery. It is available in 50 lb. Fibre Drums.

**TROYSAN PM60-B** is a preservative for use in Milkery. It is available in 50 lb. Fibre Drums.

**TROYSAN CMP ACETATE** is a preservative for use in Milkery. It is available in 50 lb. Fibre Drums.

later on water based systems. For use in Hydrogen Sulfide Milkery, Troysan PM60-D is available in 50 lb. Fibre Drums.

**TROYSAN 28** is a preservative for use in Milkery. It is available in 50 lb. Fibre Drums.

**TROYSAN COPPER S** is a preservative for use in Milkery. It is available in 50 lb. Fibre Drums.

**TROYSAN ZINC S** is a preservative for use in Milkery. It is available in 50 lb. Fibre Drums.