

AMMONIUM CHLORIDE

ACTIVE INGREDIENTS:

Ammonium Chloride 12.0%

INERT INGREDIENTS 88.0%

MAY BE IRRITATING TO SKIN. MAY BE ABSORBED THROUGH SKIN. AVOID CONTACT WITH EYES. Do not get on skin, in eyes or on clothing. In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If irritation persists, get medical attention. In case of contact with eyes, immediately flush with water and get medical attention. Wash contaminated clothing before re-use.

FOR MANUFACTURING PURPOSES ONLY

KEYCIDE

X-10

ACTIVE INGREDIENTS:

bis (Tributyltin) Oxide

INERT INGREDIENTS

12
88

WARNING

MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH SKIN. MAY CAUSE SKIN IRRITATION. Do not get on skin, in eyes or on clothing. In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If irritation persists, get medical attention. In case of contact with eyes, immediately flush with water and get medical attention. Wash contaminated clothing before re-use.

The anti-mildew properties of this product have been tested and approved in our laboratory by standard bioassay procedure, using Aspergillus oryzae as a test organism.

**WITCO
CHEMICAL**

WITCO CHEMICAL CORPORATION
100 WALL STREET, NEW YORK, N.Y.

ACCEPTED
JUN 21 1958
UNITED STATES DEPARTMENT OF AGRICULTURE
FUNGICIDE AND FUNGICIDES DIVISION
FOR REGISTRATION UNDER THE FERTILIZER
ACT OF 1909 AND THE FERTILIZER
LAW OF 1925

May 6, 1968

Supersedes bulletin dated 12/23/66

WITCO KEYCIDE X-10

Keycide X-10 is a stabilized form of Tributyltin Oxide first offered to the paint industry in 1956.

SPECIFICATIONS

Appearance:	Almost water white liquid
Color:	1 Gardner (1933)
Weight/Gallon:	7.85 lbs. (average)
Active Ingredients:	12% bis (Tributyltin) Oxide

TOXICOLOGY AND DERMATOLOGY

Tributyltin Oxide is reported to have an average LD₅₀ of 176 while phenyl mercury compounds have an indicated LD₅₀ of 7.

Warning: Keycide X-10 may be fatal if swallowed. May be absorbed through the skin. May cause skin irritation. Do not get in eyes or on clothing. In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If irritation persists, get medical attention. In case of contact with eyes, immediately flush with water and get medical attention. Wash contaminated clothing before re-use.

USES

Keycide X-10 has been especially useful in PVA emulsion paints. Our laboratory results indicate the following dosage levels to be effective.

	<u>Amount Keycide X-10</u> <u>Per 100 Gallons Paint</u>
For Can Stability	2 - 3 lbs.
For Mildew Resistant Paint, Interior	3 - 6 lbs.
For Mildew Resistant Paint, Exterior	6 - 9 lbs.
For Mildew Resistant Roof Paint	8 - 12 lbs.

Keycide X-10 is of special interest in PVA latex paint designed to pass Army Specification TT-P-0055 or TT-P-29b. The use of 6 lbs. of Keycide X-10 per 100 gallons of paint is usually sufficient to pass these tests.

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JUN 21 1968
OFFICE OF THE ASSISTANT
SECRETARY FOR DEFENSE
8348/2 SUBJECT

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277 Park Avenue • New York, N. Y. 10017

This information is based on data believed to be correct. However, nothing stated in this bulletin shall constitute a warranty or a representation of the accuracy of the information or the use of the product. The user shall assume all responsibility for the use of the product. The user shall assume all responsibility for the use of the product. The user shall assume all responsibility for the use of the product.