

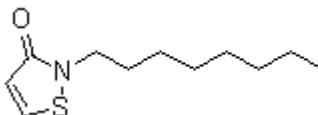
OIT

OIT is 2-n-octyl-4-isothiazolin-3-one for a wide range of industrial uses. OIT offers superior resistance to mildew growth on the dry film of latex and paint.

Chemical information:

Name 2-Octyl-2H-isothiazol-3-one

Molecular Structure



Molecular Formula C₁₁H₁₉NOS

Molecular Weight 213.34

CAS Registry Number 26530-20-1

PRODUCTION SPECIFICATION

Appearance	Clear yellow liquid
Active ingredient (HPLC)	99% min
Density (at 25°C)	1.2max
pH (1% water solution)	4.0-7.0

ADVANTAGES

- Effective mildew resistance when applied to wood or to other surfaces
- OIT shows effective in latex paint based on acrylic, polyvinyl acetate and in solvent based paints.
- OIT is very stable in solvent-based paint.
- Toxicity of OIT is low at recommended use levels in the final formulation

APPLICATIONS

- Dry film preservative
- Paints
- Dry film preservative /plastics and magnetic film

STORAGE LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

HANDLING PRECAUTIONS

Refer to the Material Safety Data Sheet for OIT.

It is assured that users of our products will themselves determine the suitability of these products for their own particular purpose, and it is stressed that the information given herein are suggestions for user's guidance only, and are not intended as recommendations, neither are any of the statements made to be construed as recommendations for the infringement of any patent.