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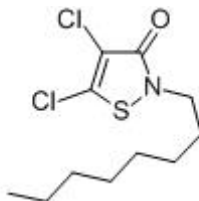
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Technical Data Sheet

4,5-Dichloro-2-octyl-isothiazolone

Product Information

| | |
|--------------------|---|
| Chemical Name | 4,5-Dichloro-2-octyl-isothiazolone |
| CAS # | 64359-81-5 |
| Formula | C ₁₁ H ₁₇ Cl ₂ NOS |
| Molecular Weight | 282.23 |
| Synonyms | DCOIT |
| Chemical Structure | |



Description

DCOIT is yellow-white wax or white powder, DCOIT (4,5-Dichloro-2-octyl-isothiazolone) is an organic compound used in flexible PVC applications. DCOIT is thermally stable for use in flexible PVC processing where it provides effective fungal control. Products are available to the plastics market as 4% and 12% liquid concentrates or as a 10% pelletized concentrate.

Specification

| Item | Specification |
|-------------------------|----------------------------------|
| Appearance | Yellow-white wax or white powder |
| Assay (on dry basis), % | 97.0 Max |

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

DCOIT is used in the industries of industrial oils, plastics, wood preservation, leather, paints, textiles, printing and dyeing mildew prevention, and marine pollution prevention.

Packaging

25kg per fiber drum

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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