

**Metalworking Fluid Additives**

Article Code: 22751

**TROYSHIELD® PA10**

Broad-spectrum fungicide primary for tankside-treatment of metalworking fluids

**Description**

Troyshield® PA10 is a liquid organic fungicide preparation with a broad spectrum of activity against fungal organisms most commonly found in aqueous metalworking fluid systems.

**Use**

Troyshield® PA10 is a metal working fluid preservative for industrial and professional use.

**Application**

Automated and semi-automated loading when manufacturing metal working fluid concentrates or when adding it to diluted fluids.

**Application rate**

The use level of Troyshield® PA10 varies between 3330-50000 ppm (0.333-5.00% by weight) when manufacturing metal working fluid concentrates. Corresponding use levels of 500-1500 ppm (0.05-0.15% by weight) in the diluted fluid depending on formulation and conditions of use.

The use level of Troyshield® PA10 in formulated products is determined by the individual composition and end use pattern of the final system. To find out the correct use level, laboratory trials have to be carried out.

**Product Highlights**

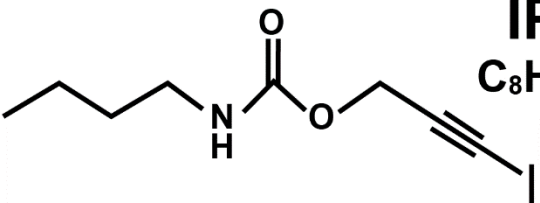
- Very effective against Fusarium-type fungi
- Special carrier/solvent-system to provide maximum compatibility with wide range of different metalworking fluids
- Low toxicity profile

**Physical Properties**

The following are typical properties of Troyshield® PA10. They are not to be considered product specifications.

Appearance: ..... Slight Yellow to Amber Liquid  
 Specific Gravity, 20°C: ..... app. 1.05  
 Solubility..... Excellent compatibility with common metalworking fluids

**Active Substance**

9.9%	3-Iodo-2-propynyl butylcarbamate	 <p><b>IPBC</b> <b>C<sub>8</sub>H<sub>12</sub>INO</b></p>
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### General precautions

Read product label and directions for use before the product is used. Troyshield® PA10 is compatible with the commonly used bactericides. Prevent direct contact with strongly alkaline/basic bactericides.

The pH stability is between 3 and 10.5. As standard good practice it is advisable to check the compatibility in the final formulation.

### Shipping & Packaging

Troyshield® PA10 is packaged in:

Shipping Container	Net Weight	Shipping Container	Net Weight
Pail	5 kg	Drum	210 kg
Pail	20 kg	IBC	1,000 kg

### Product Safety Information

For health and safety data and handling, storage and disposal procedures, please refer to the Safety Data Sheet (SDS) and product label.

Use biocides safely. Always read the label and product information before use.

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