

Summary of product characteristics for a biocidal product

Product name: Troyshield PA10

Product type(s): PT13 - Working or cutting fluid preservatives (Preservatives)

Authorisation number: NR. RO/2019/0253/MRA/ DK-0016529-0000

R4BP 3 asset reference number: RO-0022180-0003

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Administrative information

1.1. Trade names of the product

Troyshield_PA10

1.2. Authorisation holder

Name and address of the authorisation holder

Name	TROY CHEMICAL COMPANY BV
Address	Poortweg 4C 2612PA Delft Netherlands
Authorisation number	NR. RO/2019/0253/MRA/ DK-0016529-0000 1-3

R4BP 3 asset reference number

RO-0022180-0003

Date of the authorisation

20/12/2018

Expiry date of the authorisation

20/12/2028

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Troy Chemical Company BV
Address of the manufacturer	Poortweg 4C 2612PA Delft Netherlands
Location of manufacturing sites	Westelijke Randweg 9 4791 RT Klundert Netherlands
	Industriepark 23 56593 Horhausen Germany
	Am Alten Galgen 14 56410 Montabaur Germany
	Geschwister-Scholl-Straße 127 39218 Schönebeck/Elbe Germany
	Mecklenburger Str. 229 23568 Lübeck Germany
	Halchtersche Str. 33 38304 Wolfenbüttel Germany
	Am Nordturm 5 46562 Voerde Germany

1.4. Manufacturer(s) of the active substance(s)

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Troy Corporation
Address of the manufacturer	8 Vreeland Road 07932 Florham Park, New Jersey United States
Location of manufacturing sites	One avenue L 07105 Newark, New Jersey United States

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Troy Chemical Company BV
Address of the manufacturer	Poortweg 4C 2612PA Delft Netherlands
Location of manufacturing sites	Industriepark 23 56593 Horhausen Germany

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	9,9

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements

Causes serious eye irritation.
Causes skin irritation.
May cause damage to organs Larynx through prolonged or repeated exposure inhalation.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.
Contains IPBC. May produce an allergic reaction.

Precautionary statements

Wear protective gloves.
Wear face protection.
Avoid release to the environment.
Do not breathe vapours.
Get medical attention if you feel unwell.
IF IN EYES:
Rinse cautiously with water for several minutes.
Dispose of contents to in accordance with local/regional/national/international regulation.

4. Authorised use(s)

4.1 Use description

Use 1 - 1.0 Metal Working Fluid

Product type	PT13 - Working or cutting fluid preservatives (Preservatives)
Where relevant, an exact description of the authorised use	It is used for preservation of metal working fluids.
Target organism(s) (including development stage)	<p>Scientific name: <i>Alternaria alternate</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Aspergillus niger</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Aspergillus versicolor</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Aureobasidium pullulans</i> spp. Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Ceratocystis pilifera</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Cladosporium cladosporioides</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Cladosporium herbarum</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Penicillium</i> species Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Acremonium strictum</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Fusarium solani</i> Common name: Mould fungi Development stage: vegetative cells and spores</p> <p>Scientific name: <i>Rhodotorula mucilaginosa</i> Common name: Yeasts Development stage: vegetative cells</p> <p>Scientific name: <i>Candida albicans</i> Common name: Yeasts Development stage: vegetative cells</p>
Field(s) of use	<p>Indoor</p> <p>Metal working fluid preservative for industrial and professional use. It is incorporated in the metal working fluid concentrate or added to the diluted metal working fluid in use.</p> <p>Method: Closed and open systems</p>

Application method(s)	<p>Detailed description:</p> <p>Formulation of Metal working fluid concentrate Addition to metal working fluid in use</p>
Application rate(s) and frequencies	<p>Application Rate: 0.333 - 5 % biocidal product in the MWF concentrate Dilution (%): 100 Number and timing of application: 1 application when manufacturing preserved MWF concentrate</p>
Category(ies) of users	<p>Industrial Professional</p>
Pack sizes and packaging material	<p>5-30 kg Pail, Plastic HDPE 200-230 kg Drum, Plastic HDPE 1000-1100 kg IBC, Plastic HDPE</p>

4.1.1 Use-specific instructions for use

The use level varies when manufacturing metal working fluid concentrates depending on formulation and conditions of use. We recommend that the optimum biocide concentration and compatibility with individual formulations are determined by means of laboratory tests. The pH stability is between 3 and 10.5. As standard good practice it is advisable to check the compatibility in the final formulation.

4.1.2 Use-specific risk mitigation measures

See Directions for use

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See Directions for use

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

Dispose of content and container as hazardous waste in accordance with national regulation

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

24 months. Store between 5 and 25 °C. Protect from freezing

5. General directions for use

5.1. Instructions for use

Read product label and directions for use before the product is used. Prevent direct contact with strongly acidic or alkaline chemicals.

5.2. Risk mitigation measures

Use appropriate personal protective equipment.
Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Wear appropriate respirator when ventilation is inadequate.
Keep in the original container kept tightly closed when not in use.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

First aid

GENERAL: In case of accident, suspected exposure or if you feel unwell, seek medical advice immediately seek medical advice immediately (show the label where possible).

IF SWALLOWED: Do NOT induce vomiting: seek medical advice/attention immediately.

IF ON SKIN: Wash skin immediately with plenty of water.

IF IN EYES: Rinse continuously with water (preferably using eye wash) for at least 10 min. Eyelids open. Remove any contact lenses if present and easy to do so - continue rinsing. Seek medical attention if symptoms persist.

IF INHALED: Remove to fresh air. Seek medical attention if symptoms persist.

Avoid dispersal of spilled material and run off and contact with soil, waterways, drains and sewers.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). May be harmful to the environment if released in large quantities, collect spillage.

5.4. Instructions for safe disposal of the product and its packaging

see authorized uses

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

see authorized uses

6. Other information

Pictogram to support the H-phrases: GHS07, GHS08, GHS09