

# Summary of product characteristics for a biocidal product family

**Family name:** IPBC Biocidal Product Family PT13

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

**Authorisation number:** 2631-1

**R4BP 3 asset reference number:** BG-0022001-0000

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## Part I.- First information level

### 1. Administrative information

#### 1.1. Family name

IPBC Biocidal Product Family PT13

#### 1.2. Product type(s)

PT13 - Working or cutting fluid preservatives (Preservatives)

#### 1.3. Authorisation holder

##### Name and address of the authorisation holder

Name	TROY CHEMICAL COMPANY BV
Address	Uiverlaan 12E 3145XN Maassluis Netherlands

##### Authorisation number

2631-1

##### R4BP 3 asset reference number

BG-0022001-0000

##### Date of the authorisation

13/12/2019

##### Expiry date of the authorisation

20/12/2028

#### 1.4. Manufacturer(s) of the biocidal products

##### Name of the manufacturer

Troy Chemical Europe BV

##### Address of the manufacturer

Uiverlaan 12E 3145 XN Maassluis Netherlands

##### Location of manufacturing sites

Westelijke Randweg 9 4791 RT Klundert Netherlands

Industriepark 23 56593 Horhausen Germany

### 1.5. Manufacturer(s) of the active substance(s)

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

<b>Active substance</b>	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
<b>Name of the manufacturer</b>	Troy Chemical Europe BV
<b>Address of the manufacturer</b>	Uiverlaan 12E 3145 XN Maassluis Netherlands
<b>Location of manufacturing sites</b>	Industriepark 23 56593 Horhausen Germany

## 2. Product family composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the family

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 - 100

## 2.2. Type(s) of formulation

AL - Any other liquid

GR - Granule

## Part II.- Second information level - meta SPC(s)

### 1. Meta SPC administrative information

#### 1.1. Meta SPC identifier

IPBC 20

#### 1.2. Suffix to the authorisation number

1-1

#### 1.3 Product type(s)

PT13 - Working or cutting fluid preservatives (Preservatives)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	20 - 20

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

### 3. Hazard and precautionary statements of the meta SPC

#### Hazard statements

Harmful if swallowed.Harmful if inhaled.  
Causes serious eye damage.  
Causes skin irritation.  
Causes 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.  
IF INHALED:Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES:  
Immediately call a POISON CENTER.  
Dispose of contents to in accordance with local/regional/national/international regulation.

### 4. Authorised use(s) of the meta SPC

#### 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)

Scientific name: *Alternaria alternata*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Aspergillus niger*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

<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>
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**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>
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**Application method(s)**

<p>Closed and open system -  Formulation of Metal working fluid concentrate  Addition to metal working fluid in use</p>
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**Application rate(s) and frequencies**

<p>0.165-2.5 % biocidal product in the MWF concentrate - 100 -  1 application when manufacturing preserved MWF concentrate</p>
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**Category(ies) of users**

<p>Industrial</p> <p>Professional</p>
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**Pack sizes and packaging material**

<p>5-30 kg Pail, Plastic HDPE</p> <p>200-230 kg Drum, Plastic HDPE</p> <p>1000-1100 kg IBC, Plastic HDPE</p>
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#### 4.1.1 Use-specific instructions for use

The use level varies when manufacturing metal working fluid concentrates depends 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 of the meta SPC

#### 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: GHS05, GHS07, GHS08, GHS09

## 7. Third information level: individual products in the meta SPC

## 7.1 Trade name(s), authorisation number and specific composition of each individual product

**Trade name(s)**

Troyshield\_F20

Market area: BG

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

BG-0022001-0001 1-1

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Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	20

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## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

IPBC 100

### 1.2. Suffix to the authorisation number

1-2

### 1.3 Product type(s)

PT13 - Working or cutting fluid preservatives (Preservatives)

## 2. Meta SPC composition

## 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	100 - 100

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

GR - Granule

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Toxic if inhaled.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
Causes damage to organs Larynx through prolonged or repeated exposure inhalation.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Do not eat, drink or smoke when using this product.  
Wear face protection.  
Wear protective gloves.  
Do not breathe dust.  
Avoid release to the environment.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Collect spillage.  
Store locked up.  
Dispose of contents to in accordance with local/regional/national/international regulation.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - 1.0 Metal Working Fluid

<b>Product type</b>	PT13 - Working or cutting fluid preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	It is used for preservation of metal working fluids.
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: <i>Alternaria alternata</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>
<b>Field(s) of use</b>	<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>

<b>Application method(s)</b>	Closed and open system - Formulation of Metal working fluid concentrate Addition to metal working fluid in use
<b>Application rate(s) and frequencies</b>	0.033 - 5 % biocidal product in the MWF concentrate - 100 - 1 application when manufacturing preserved MWF concentrate
<b>Category(ies) of users</b>	Industrial Professional
<b>Pack sizes and packaging material</b>	20-25 kg Carton board box with inner polyethylene plastic bag 25-50 kg Fiber drum with inner polyethylene plastic bag

#### 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 of the meta SPC

#### 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.

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

see authorized uses
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#### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

see authorized uses
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#### 6. Other information

Pictogram to support the H-phrases: GHS05, GHS06, GHS07, GHS08, GHS09
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#### 7. Third information level: individual products in the meta SPC

##### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	Fungitrol_400G	Market area: BG
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	BG-0022001-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	100



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## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

IPBC 10

### 1.2. Suffix to the authorisation number

1-3

### 1.3 Product type(s)

PT13 - Working or cutting fluid preservatives (Preservatives)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

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 - 9,9

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

### 3. Hazard and precautionary statements of the meta SPC

<b>Hazard statements</b>	<p>Causes serious eye irritation.</p> <p>Causes skin irritation.</p> <p>May cause damage to organs Larynx through prolonged or repeated exposure inhalation.</p> <p>Very toxic to aquatic life.</p> <p>Toxic to aquatic life with long lasting effects.</p> <p>Contains IPBC. May produce an allergic reaction.</p>
<b>Precautionary statements</b>	<p>Wear protective gloves.</p> <p>Wear face protection.</p> <p>Avoid release to the environment.</p> <p>Do not breathe vapours.</p> <p>Get medical attention if you feel unwell.</p> <p>IF IN EYES:</p> <p>Rinse cautiously with water for several minutes.</p> <p>Dispose of contents to in accordance with local/regional/national/international regulation.</p>

### 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

##### Use 1 - 1.0 Metal Working Fluid

<b>Product type</b>	PT13 - Working or cutting fluid preservatives (Preservatives)
<b>Where relevant, an exact description of the authorised use</b>	It is used for preservation of metal working fluids.
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Alternaria alternate  Common name: Mould fungi  Development stage: vegetative cells and spores</p> <p>Scientific name: Aspergillus niger  Common name: Mould fungi  Development stage: vegetative cells and spores</p>

Scientific name: *Aspergillus versicolor*  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Aureobasidium pullulans* spp.  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Ceratocystis pilifera*  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Cladosporium cladosporioides*  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Cladosporium herbarum*  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Penicillium* species  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Acremonium strictum*  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Fusarium solani*  
 Common name: Mould fungi  
 Development stage: vegetative cells and spores

Scientific name: *Rhodotorula mucilaginosa*  
 Common name: Yeasts  
 Development stage: vegetative cells

Scientific name: *Candida albicans*  
 Common name: Yeasts  
 Development stage: vegetative cells

**Field(s) of use**

Indoor

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.

**Application method(s)**

Closed and open systems -

Formulation of Metal working fluid concentrate  
 Addition to metal working fluid in use

**Application rate(s) and frequencies**

0.333 - 5 % biocidal product in the MWF concentrate - 100 -  
 1 application when manufacturing preserved MWF concentrate

**Category(ies) of users**

Industrial

Professional

**Pack sizes and packaging material**

5-30 kg Pail, Plastic HDPE  
200-230 kg Drum, Plastic HDPE  
1000-1100 kg IBC, Plastic HDPE

**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 of the meta SPC

### 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

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	Troyshield_PA10	Market area: BG
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	BG-0022001-0003 1-3	

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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

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## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

IPBC 30

### 1.2. Suffix to the authorisation number

1-4

### 1.3 Product type(s)

PT13 - Working or cutting fluid preservatives (Preservatives)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	30 - 30

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Harmful if inhaled.  
Causes serious eye damage.  
Causes skin irritation.  
Causes damage to organs Larynx through prolonged or repeated exposure inhalation.  
Very 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.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES:

Immediately call a poison center.

Dispose of contents to in accordance with local/regional/national/international regulation.

## 4. Authorised use(s) of the meta SPC

### 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)

Scientific name: *Alternaria alternate*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Aspergillus niger*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Aspergillus versicolor*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Aureobasidium pullulans* spp.  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Ceratocystis pilifera*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Cladosporium cladosporioides*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Cladosporium herbarum*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Penicillium* species  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Acremonium strictum*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Fusarium solani*  
Common name: Mould fungi  
Development stage: vegetative cells and spores

Scientific name: *Rhodotorula mucilaginosa*  
Common name: Yeasts  
Development stage: vegetative cells



	<p>Scientific name: Candida albicans  Common name: Yeasts  Development stage: vegetative cells</p>
<b>Field(s) of use</b>	<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>
<b>Application method(s)</b>	<p>Closed and open systems -</p> <p>Formulation of Metal working fluid concentrate  Addition to metal working fluid in use</p>
<b>Application rate(s) and frequencies</b>	<p>0.110 - 1.667 % biocidal product in the MWF concentrate - 100 -  1 application when manufacturing preserved MWF concentrate</p>
<b>Category(ies) of users</b>	<p>Industrial</p> <p>Professional</p>
<b>Pack sizes and packaging material</b>	<p>5-30 kg Pail, Plastic HDPE</p> <p>200-230 kg Drum, Plastic HDPE</p> <p>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 of the meta SPC

#### 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 eq

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: GHS05, GHS07, GHS08, GHS09

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

Troyshield\_FX40

Market area: BG

**Authorisation number**

(R4BP 3 asset reference number - National  
Authorisation)

BG-0022001-0004 1-4

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Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		Active Substance	55406-53-6	259-627-5	30

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