

Summary of product characteristics for a biocidal product

Product name: Troyshield FX40

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

Authorisation number: 2631-1

R4BP 3 asset reference number: BG-0022001-0004

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Administrative information

1.1. Trade names of the product

| |
|-----------------|
| Troyshield_FX40 |
|-----------------|

1.2. Authorisation holder

**Name and address of the
authorisation holder**

| | |
|----------------------|--|
| Name | TROY CHEMICAL COMPANY BV |
| Address | Uiverlaan 12E 3145XN Maassluis Netherlands |
| Authorisation number | 2631-1 1-4 |

**R4BP 3 asset reference
number**

| |
|-----------------|
| BG-0022001-0004 |
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Date of the authorisation

| |
|------------|
| 13/12/2019 |
|------------|

**Expiry date of the
authorisation**

| |
|------------|
| 20/12/2028 |
|------------|

1.3. 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 |
|--|

1.4. 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 Europe BV |
| Address of the manufacturer | Uiverlaan 12E 3145 XN Maassluis 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 | 30 |

2.2. Type of formulation

| |
|-----------------------|
| AL - Any other liquid |
|-----------------------|

3. Hazard and precautionary statements

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)

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

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

0.110 - 1.667 % 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

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