

# Summary of product characteristics for a biocidal product

**Product name:** Meta SPC 2 - CREOSOTE EN 13991 BPF

**Product type(s):** PT08 - Wood preservatives (Preservatives)

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**Authorisation number:** UK-2019-1174

**R4BP 3 asset reference number:** UK-0020048-0002

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## Administrative information

### 1.1. Trade names of the product

Creosote EN 13991 Grade C GX-plus
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### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	RÜTGERS Germany GmbH
Address	Kekulestr. 30 44579 Castrop-Rauxel Germany
Authorisation number	UK-2019-1174 1-2

**R4BP 3 asset reference number**

UK-0020048-0002
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**Date of the authorisation**

20/03/2019
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**Expiry date of the authorisation**

29/03/2021
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### 1.3. Manufacturer(s) of the biocidal products

**Name of the manufacturer**

RÜTGERS Germany GmbH
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**Address of the manufacturer**

Kekulestr. 30 44579 Castrop-Rauxel Germany
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**Location of manufacturing sites**

Kekulestr. 30 44579 Castrop-Rauxel Germany
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<b>Name of the manufacturer</b>	Rain Carbon bvba
<b>Address of the manufacturer</b>	Vredekaai 18 9060 Zelzate Belgium
<b>Location of manufacturing sites</b>	Vredekaai 18 9060 Zelzate Belgium

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

<b>Active substance</b>	19 - Creosote
<b>Name of the manufacturer</b>	RÜTGERS Germany GmbH
<b>Address of the manufacturer</b>	Kekulestr. 30 44579 Castrop-Rauxel Germany
<b>Location of manufacturing sites</b>	Kekulestr. 30 44579 Castrop-Rauxel Germany

<b>Active substance</b>	19 - Creosote
<b>Name of the manufacturer</b>	Rain Carbon bvba
<b>Address of the manufacturer</b>	Vredekaai 18 9060 Zelzate Belgium
<b>Location of manufacturing sites</b>	Vredekaai 18 9060 Zelzate Belgium

## 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 (%)
Creosote	Creosote Grade B or Grade C creosote as specified in European Standard EN 13991:2003	Active Substance	8001-58-9	232-287-5	90

## 2.2. Type of formulation

AL - Any other liquid

## 3. Hazard and precautionary statements

### Hazard statements

May cause cancer ..  
May damage fertility. Suspected of damaging the unborn child.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Very toxic to aquatic life with long lasting effects.

### Precautionary statements

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not get in eyes, on skin, or on clothing.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
IF exposed or concerned: Get medical advice.  
Collect spillage.  
Store in a closed container.  
Dispose of contents to an approved waste facility.  
Dispose of container to an approved waste facility.

## 4. Authorised use(s)

### 4.1 Use description

**Use 1 - Use Class 3 – Railway sleepers and fence panels/horizontals used in highways fencing, equestrian fencing and animal security fencing.**

### Product type

PT08 - Wood preservatives (Preservatives)

**Where relevant, an exact description of the authorised use**

Preventative treatment of wood to be used as railway sleepers and fence panels/horizontals used in the safety critical uses of highways fencing, equestrian fencing and animal security fencing.

Use Class 3: situation in which wood is not covered and not in contact with the ground. It is either continually exposed to weather or is protected from the weather but subject to frequent wetting.

**Target organism(s) (including development stage)**

Basidiomycetes:-Wood rotting basidiomycetes

**Field(s) of use**

Indoor

Indoors - for impregnation in industrial plants

**Application method(s)**

Closed system: vacuum impregnation -  
Penetration class (European Standard EN 351):

Softwood: Penetration class depends on durability requirement. Normally NP 5 should be applied

Hardwood: NP 3 - 5. Penetration class depends on durability requirement.

**Application rate(s) and frequencies**

Softwood: 70 -185 kg/m<sup>3</sup> and Hard wood: 160-185 kg/m<sup>3</sup> - - -  
One cycle per batch.

**Category(ies) of users**

Industrial

**Pack sizes and packaging material**

Rail wagon – steel – up to 60 tonnes

Rail container – steel – up to 30 tonnes

Ship – steel – 700 tonnes

Truck – steel – up to 30 tonnes

IBC (intermediate bulk container) – plastic – up to 1000 litres

IBC (intermediate bulk container) – steel – up to 1000 litres

Drum – steel – up to 250 litres

Can/Tin and Steel/Tin >20 litres

**4.1.1 Use-specific instructions for use**

See Directions for use.

#### 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

See Directions for use.

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

See Directions for use.

### 4.2 Use description

**Use 2 - Use class 4a – Overhead Electricity poles; Telecommunication poles; Fencing posts for the safety critical uses of highways fencing, equestrian fencing and animal security fencing; Agricultural tree stakes/supports (fruit, vineyard and hops) only when a long service life (safety critical) is required.**

#### Product type

PT08 - Wood preservatives (Preservatives)

#### Where relevant, an exact description of the authorised use

Preventative treatment of wood to be used as,

- Overhead electricity poles;
- Telecommunication poles,;
- Fencing posts for the safety critical uses of highways fencing, equestrian fencing and animal security fencing;
- Agricultural tree stakes stakes/supports (fruit, vineyard and hops) only when a long service life (safety critical) is required.

Use Class 4a: situation in which the wood is in contact with the ground and thus is permanently exposed to wetting.



<b>Target organism(s) (including development stage)</b>	<p>Basidiomycetes:-Wood rotting basidiomycetes fungi-Soft rot fungi</p>
<b>Field(s) of use</b>	<p>Indoor Indoors - for impregnation in industrial plants.</p>
<b>Application method(s)</b>	<p>Closed system: vacuum impregnation - -</p>
<b>Application rate(s) and frequencies</b>	<p>Softwood: 100 - 195 kg/m<sup>3</sup> &amp; Hard wood: 160 - 210 kg/m<sup>3</sup> - - - -</p>
<b>Category(ies) of users</b>	<p>Industrial</p>
<b>Pack sizes and packaging material</b>	<p>Rail wagon – steel – up to 60 tonnes Rail container – steel – up to 30 tonnes Ship – steel – 700 tonnes Truck – steel – up to 30 tonnes IBC (intermediate bulk container) – plastic – up to 1000 litres IBC (intermediate bulk container) – steel – up to 1000 litres Drum – steel – up to 250 litres Can/Tin and Steel/Tin &gt;20 litres</p>

#### 4.2.1 Use-specific instructions for use

See Directions for use.

#### 4.2.2 Use-specific risk mitigation measures

See Directions for use.

#### 4.2.3 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.

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

See Directions for use.

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

See Directions for use.

### 4.3 Use description

#### Use 3 - Use class 3 & 4a - Surface treatment of wood after modifications e.g. sawing, cutting.

##### Product type

PT08 - Wood preservatives (Preservatives)

##### Where relevant, an exact description of the authorised use

Superficial treatment of wood used as railway sleepers and fence panels/horizontals used in the safety critical uses of highways fencing, equestrian fencing and animal security fencing in Use Class 3 (situation in which wood is not covered and not in contact with the ground. It is either continually exposed to weather or is protected from the weather but subject to frequent wetting).

Superficial treatment of wood in Use Class 4a (situation in which the wood is in contact with the ground and thus is permanently exposed to wetting) to be used as,

- Overhead electricity poles
- Telecommunication poles;
- Fencing posts for the safety critical uses of highways fencing, equestrian fencing and animal security fencing;
- Agricultural tree stakes/supports (fruit, vineyard and hops) only when a long service life (safety critical) is required.

##### Target organism(s) (including development stage)

Basidiomycetes:-Wood rotting basidiomycetes

Fungi:-Soft rot fungi

##### Field(s) of use

Outdoor

Treatment of creosote impregnated wood (UC 3 and UC 4a) after modifications such as sawing, cutting, shaping and machining.

<b>Application method(s)</b>	Open system: brush treatment - -
<b>Application rate(s) and frequencies</b>	1 litre/5 m2 - - Single application.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Can/Tin and Steel/Tin 20 litres

#### 4.3.1 Use-specific instructions for use

See Directions for use.

#### 4.3.2 Use-specific risk mitigation measures

See Directions for use.

#### 4.3.3 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.

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

See Directions for use.

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

See Directions for use.

### 5. General directions for use

## 5.1. Instructions for use

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
It is best practice to treat wood in its final form after all cutting, shaping and machining has been carried out so that the protective envelope of preservative is not broken. If modifications of wood components after treatment are necessary a preservative that is compliant with the original treatment should be applied to protect any surfaces exposed by such works.

## 5.2. Risk mitigation measures

### When handling the product

Any handling of the product should be done in well ventilated spaces. Inhalation of vapours and contact with skin and eyes should be avoided. Exposure limit values shall not be exceeded. Follow the manufacturer's instructions for cleaning and maintenance of protective equipment. If washing instructions are missing, use detergent and hot water. Keep and wash personnel protective equipment separately from other laundry. Clothing and other absorbent materials that have been significantly contaminated should be disposed of and not re-used. Take off protective equipment directly upon completion of the handling of the product. Wash the outside of the gloves before they are taken off. Personnel must leave all protective equipment and any other materials contaminated by the product at the treatment facility.

### Respiratory Protection

Use a respiratory mask with filter protective against organic vapour if the ventilation is insufficient.

### Eye Protection

Wear tightly sealed safety glasses. Use face shield if there is a risk of splash.

### Skin and body protection

Wear protective work clothing.

### Hand Protection

Wear chemical resistant gloves. Replace gloves as soon as signs of degradation appear.

### Hygiene measures

Contaminated clothes should be placed in closed containers prior to disposal. Inform the laundry or cleaning staff about the product's hazardous properties. Wash the skin after each shift, before meals, smoking and using the toilet. Do not eat, drink, or smoke during handling.

The authorisation holder must specify appropriate personal protective equipment, type and materials, in the safety data sheet.

### Additional measures for superficial application outdoors

1. Hand and face wash possibilities in the field.
2. Application should take place on a temporary bounded impervious surface (for example using a plastic membrane or a pre-formed plastic tray).
3. Any losses or contaminated material must be collected for disposal.

### When handling the treated wood

To prevent direct losses to soil or water; freshly treated timber must be stored after treatment under shelter and/or on impermeable hard standing; alternatively on an absorbent material such as bark. Any losses or contaminated material must be collected for reuse or disposal.

1. Strict adherence to established working instructions.
  2. Increased use of aerial access platforms if possible.
  3. Hand and face wash possibilities in the field.
  4. Use of light chemical resistant coveralls and chemical resistant gloves.
  5. Use of dry poles and sleepers. Return wet poles and sleepers to the impregnation plants.
  6. At construction sites; store treated wood before installation in a way that leaching to soil and water is prevented, for example on an adsorbent material such as bark. Any losses or contaminated material must be collected for reuse or disposal.
- Dispose treated wood waste, including offcuts, as hazardous waste according to legal requirements.

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

Contact may cause skin burn, irritation and dry skin.  
First aid: May be needed after occupational exposure, inhalation or ingestion. Personal protection for the First Aider: Instantly remove any clothing soiled by the product.  
After inhalation: Supply fresh air; consult doctor in case of symptoms.  
After skin contact: Clean affected area with soap and plenty of water. Seek medical treatment if symptoms persist or appear.  
After eye contact: Rinse opened eye for several minutes under running water. Then consult doctor.  
After swallowing: Rinse out mouth and then drink plenty of water. Seek medical treatment.  
UK medical professionals should contact the National Poisons Information Service ([www.npis.org](http://www.npis.org)) for further advice.  
Environmental precautions: Inform respective authorities in case product reaches water or sewage system.  
Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw dust).  
Dispose of contaminated materials according to waste disposal regulations.

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

Dispose of contents and container to an approved waste facility.

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

Store in tightly closed original packaging in a dry and well-ventilated place.  
Protect against physical damage and/or wear.  
Must not be stored near heat sources or exposed to high temperatures.  
Keep separate from oxidizing agents and sources of ignition.  
Protect against electrostatic discharge.  
Shelf life - 10 years when stored at ambient temperatures.

## 6. Other information