

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Creosote (Maderoil Grade C)-IE-en

Product type(s)

PT08: Wood preservatives

Authorisation number: IE/BPA 70729 1-1

R4BP asset number: IE-0020074-0002

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	Creosote (Maderoil Grade C)
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	BILBAINA DE ALQUITRANES, S.A.
	Address	OBISPO OLAECHEA, 49 48903 LUCHANA-BARACALDO Spain
Authorisation number	IE/BPA 70729 1-1	
<i>R4BP asset number</i>	IE-0020074-0002	
Date of the authorisation	25/04/2016	
Expiry date of the authorisation	31/12/2024	

1.3. Manufacturer(s) of the product

Name of manufacturer	Bilbaina de Alquitranses, S.A.
Address of manufacturer	Obispo Olaechea 49 48903 Lutzana-Barakaldo (Vizcaya) Spain
Location of manufacturing sites	Obispo Olaechea 49 48903 Lutzana-Barakaldo (Vizcaya) Spain

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

Active substance	Creosote
Name of manufacturer	Bilbaina de Alquitranses, S.A.
Address of manufacturer	Obispo Olaechea 49 48903 Lutzana-Barakaldo (Vizcaya) Spain
Location of manufacturing sites	Obispo Olaechea 49 48903 Lutzana-Barakaldo (Vizcaya) Spain

2. PRODUCT COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the 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	100

2.2. Type(s) of formulation

AL Any other liquid

3. HAZARD AND PRECAUTIONARY STATEMENTS

<p>Hazard statements</p>	<p>H315: Causes skin irritation.</p> <p>H317: May cause an allergic skin reaction.</p> <p>H319: Causes serious eye irritation.</p> <p>H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.</p> <p>H360: May damage fertility or the unborn child May damage fertility. Suspected of damaging the unborn child { 1:state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard: }.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p>
<p>Precautionary statements</p>	<p>P201: Obtain special instructions before use.</p> <p>P202: Do not handle until all safety precautions have been read and understood.</p> <p>P262: Do not get in eyes, on skin, or on clothing.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> <p>P308+P313: IF exposed or concerned: Get medical advice.</p> <p>P404: Store in a closed container.</p> <p>P501: Dispose of contents to to an approved waste facility..</p> <p>P273: Avoid release to the environment.</p> <p>P391: Collect spillage.</p> <p>P501: Dispose of contents to to an approved waste facility..</p>

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Use # 1.1 - Railway sleepers - Treatment by vacuum pressure impregnation of wood.

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Treatment by vacuum pressure impregnation of wood in industrial installations to make railway sleepers. Use class (UC) 3 according to EN Standard 335.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting basidiomycetes Development stage: -
Field(s) of use	indoor use Vacuum pressure impregnation of timber in an industrial timber treatment facility for preventive purposes.
Application method(s)	Method: closed system Detailed description: Batch-wise vacuum-pressure impregnation in a closed system. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 70 - 185 kg/m ³ (penetration class; see below). Hardwood: 160 - 185 kg/m ³ (penetration class; see below). Dilution (%): 0 Number and timing of application: <u>Penetration class (European Standard EN 351):</u> Softwood: Penetration class depends on durability requirement. Normally class NP 5 should be applied. Hardwood: class NP 3 - 5. Penetration class depends on durability requirement. One cycle per batch.
Category(ies) of users	industrial
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.1.1. Use-specific instructions for use

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4.1.2. Use-specific risk mitigation measures

- Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding.

- Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water.
- Any losses from the application of the product shall be collected for reuse or disposal.

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

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

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

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4.2. Use description

Table 2. Use # 1.2 - Railway sleepers - Treatment by vacuum pressure impregnation of whole wood.

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Treatment by vacuum pressure impregnation of whole wood in industrial installations to make railway sleepers. Use class (UC) 3 according to EN Standard 335.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting basidiomycetes Development stage: -
Field(s) of use	indoor use Vacuum pressure impregnation of timber in an industrial timber treatment facility for preventive purposes.
Application method(s)	Method: closed system Detailed description: Batch-wise vacuum-pressure impregnation in a closed system. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 50 - 120 kg/m ³ , Hardwood: 20 - 180 kg/m ³ Dilution (%): 0 Number and timing of application: One cycle per batch.
Category(ies) of users	industrial
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter

The package must contain at least 200 litres.

4.2.1. Use-specific instructions for use

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4.2.2. Use-specific risk mitigation measures

- Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding.
- Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water.
- Any losses from the application of the product shall be collected for reuse or disposal.

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

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

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

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4.3. Use description

Table 3. Use # 2.1 - Poles for electricity or telecommunications - Treatment by vacuum pressure impregnation of wood.

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Treatment by vacuum pressure impregnation of wood in industrial installations to make utility poles for electricity or telecommunications. Use class (UC) 4 according to EN Standard 335.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting basidiomycetes Development stage: no data Scientific name: other Common name: soft rot fungi Development stage: no data
Field(s) of use	indoor use Vacuum pressure impregnation of timber in an industrial timber treatment facility for preventive purposes.
Application method(s)	Method: closed system Detailed description: Batch-wise vacuum-pressure impregnation in a closed system. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 100 - 195 kg/m ³ (penetration class; see below). Hardwood: 160 - 210 kg/m ³ (penetration class; see below).

	Dilution (%): 0 Number and timing of application: Penetration class (European Standard EN 351): Softwood: NP 4 - 5 Hardwood: NP 3 - 5 One cycle per batch.
Category(ies) of users	industrial
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.3.1. Use-specific instructions for use

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4.3.2. Use-specific risk mitigation measures

- Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding.
- Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water.
- Any losses from the application of the product shall be collected for reuse or disposal.

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

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

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

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4.4. Use description

Table 4. Use # 2.2 - Poles for electricity or telecommunications - Treatment by vacuum pressure impregnation of whole wood.

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Treatment by vacuum pressure impregnation of whole wood in industrial installations to make utility poles for electricity or telecommunications. Use class (UC) 4 according to EN Standard 335.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting basidiomycetes Development stage: no data Scientific name: other

	Common name: soft rot fungi Development stage: no data
Field(s) of use	indoor use Vacuum pressure impregnation of timber in an industrial timber treatment facility for preventive purposes.
Application method(s)	Method: closed system Detailed description: Batch-wise vacuum-pressure impregnation in a closed system. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 76 -137 kg/m ³ , Hardwood: 39 -139 kg/m ³ Dilution (%): 0 Number and timing of application: One cycle per batch.
Category(ies) of users	industrial
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.4.1. Use-specific instructions for use

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4.4.2. Use-specific risk mitigation measures

- Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding.
- Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water.
- Any losses from the application of the product shall be collected for reuse or disposal.

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

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

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

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5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

For industrial application only.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding. Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water. Any losses from the application of the product shall be collected for reuse or disposal.

5.2. Risk mitigation measures

When handling the product:

Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding. 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.

Please find more information about appropriate personal protective equipment, type and materials, in the safety data sheet.

When handling the treated wood:

1. Freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water. Any losses from the application of the product shall be collected for reuse or disposal.

2. Strict adherence to established working instructions.

3. Increased use of aerial access platforms if possible.

4. Hand and face wash possibilities in the field.

5. Use of light chemical resistant coveralls and chemical resistant gloves.

6. Use of dry poles and sleepers. Return wet poles and sleepers to the impregnation plants.

7. During storage, treated wood shall not be accessible to the general public. Measures shall be taken to prevent unauthorised access. Treated wood must be stored on impermeable hard standing or on absorptive material to prevent runoff to the environment, and under shelter or covered with a tarpaulin.

8. Dispose treated wood waste, including offcuts, as hazardous waste according to legal requirements. Any spill or contaminated material must be collected and disposed as hazardous waste.

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

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

Most important symptoms and effects, both acute and delayed: Contact may cause skin burn, irritation and dry skin.

General information:

First aid: May be needed after occupational exposure, inhalation or ingestion. In case of doubt, call a POISON CENTER.

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.

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. Be kept separate from oxidizing agents and sources of ignition. Protect against electrostatic discharge.

Used within 10 years from the date of manufacture.

6. OTHER INFORMATION