

Summary of product characteristics for a biocidal product

Product name: Induline GW-310 - clear

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

Authorisation number: 692-11

R4BP 3 asset reference number: DK-0012403-0002

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	1
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	5
5.1. Instructions for use	5
5.2. Risk mitigation measures	6
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	7
5.4. Instructions for safe disposal of the product and its packaging	7
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	7
6. Other information	8

Administrative information

1.1. Trade names of the product

Induline GW-310 - farblos

1.2. Authorisation holder

Name and address of the authorisation holder

Name	Remmers GmbH
Address	Bernhard-Remmers-Str. 13 D - 49624 Lönigen Germany
Authorisation number	692-11 1-1

R4BP 3 asset reference number

DK-0012403-0002

Date of the authorisation

23/07/2015

Expiry date of the authorisation

30/10/2025

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer

Remmers GmbH

Address of the manufacturer

Bernhard-Remmers-Straße 13 49624 Lönigen Germany
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Location of manufacturing sites

Bernhard-Remmers-Straße 13 49624 Lönigen Germany
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1.4. Manufacturer(s) of the active substance(s)

Active substance	39 - 3-iodo-2-propynylbutylcarbamate (IPBC)
Name of the manufacturer	Troy Chemical Company BV
Address of the manufacturer	Uiverlaan 12E 3145 XM Maassluis Netherlands
Location of manufacturing sites	One Avenue L NJ, 07105 Newark United States

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	0,63

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	<p>Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 3-Iodo-2-propynylbutylcarbamate. May produce an allergic reaction.</p> <p>Harmful to aquatic life with long lasting effects.</p>
Precautionary statements	<p>If medical advice is needed, have product container or label at hand.</p> <p>Keep out of reach of children.</p> <p>Read carefully and follow all instructions.</p> <p>Avoid release to the environment.</p> <p>Dispose of contents to in original container in compliance with valid regulations...</p>

4. Authorised use(s)

4.1 Use description

Use 1 - Preventive protection against blue-staining fungi - Professional and Industrial

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	Product to be used by Professionals and Industry only.
	Product Trade Name: Induline GW-310
Target organism(s) (including development stage)	Scientific name: Aureobasidium pullulans spp. Common name: Blue stain fungi Development stage: Hyphae
Field(s) of use	Outdoor Outdoor against blue stain fungi in UC 2 and 3 situations.
Application method(s)	Method: Open system: brush treatment Detailed description: 2 subsequent applications. Professional, trained professional Method: Open system: deluging Detailed description: Flow-coating Only industrial application Method: Spraying Detailed description: Only industrial application as automated spraying in closed facilities (spray tunnel) Method: Open system: dip treatment Detailed description: Professional, trained professional
Application rate(s) and frequencies	Application Rate: 197-216 ml/m ² Dilution (%): 100 Number and timing of application: One application. Drying time: 4 hours at 20°C/65% rel. humidity (lower temperatures and higher humidity may delay drying process) Application Rate: 197-216 ml/m ² Dilution (%): 100 Number and timing of application: One application. Drying time: 4 hours at 20°C/65% rel. humidity (lower temperatures and higher humidity may delay drying process) Only industrial application Application Rate: 197-216 ml/m ² Dilution (%): 100 Number and timing of application: One application. Drying time: 4 hours at 20°C/65% rel. humidity (lower temperatures and higher humidity may delay drying process).

	<p>Application Rate: 197-216 ml/m² Dilution (%): 100 Number and timing of application: Drying time: 4 hours at 20°C/65% rel. humidity (lower temperatures and higher humidity may delay drying process)</p>
Category(ies) of users	<p>Professional</p> <p>Industrial</p> <p>Trained professional</p>
Pack sizes and packaging material	<p>Can /Tin, coated tin plate , 5 l, 20 l Drum, Plastic (PE) , 120 l IBC (intermediate bulk container), Plastic (PE) , 1000 l</p> <p>Container type: Tin (coated)/, Polyethylene</p> <p>Container size: 5; 20 (tin); 120; 1000 (polyethylene)</p> <p>Container units: Litres</p>

4.1.1 Use-specific instructions for use

<p>Field of use: outdoor use against blue stain fungi in Use class 2 and 3 situations.</p> <p>Brush treatment: remove old coatings such as thick-layer stains of finishing paints as well as bark and inner bark. Stir the stain well before using and apply with a soft brush suitable for stains in the direction of the grain. Apply a second coat after drying for 2-3 hours.</p> <p>Dipping: Product Induline GW-310 must only be used in fully automated dipping processes where all steps in the treatment and drying process are mechanised and no manual handling takes place including when the treated articles are transported through the dip tank to the draining/drying and storage areas (if not already surface dry before moving to storage). Where appropriate, the wooden articles to be treated must be fully secured (e.g. via tension belts or clamping devices) prior to treatment and during the dipping process, and must not be manually handled until after the treated articles are surface dry.</p> <p>General: Permissible moisture content of dimensionally stable wood elements is 13 +/- 2 % and max. 18 % for wood elements with limited or no dimensional stability. The substrate must be free of grease, was, soil and dust. The product is ready to use and has to be applied undiluted. Working temperature 10 - 30 °C (ambient temperature and temperature of the wooden substrate). Close containers tightly after use and use the contents as soon as possible.</p> <p>Freshly treated timber must be stored after treatment under shelter and/or on impermeable hard standing to prevent direct losses to soil or water and any losses must be collected for reuse or disposal.</p>

4.1.2 Use-specific risk mitigation measures

<p>Prevent any release to the environment during the product application phase as well as during the storage and the transport of treated timber.</p> <p>Industrial application shall be conducted within a contained area on impermeable hard standing.</p> <p>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, and that any losses of the product shall be collected for reuse or disposal.</p> <p>Any contaminated water/soil shall be collected, contained and treated as hazardous waste.</p>
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Do not apply on wood likely to be in contact with food, feed, drinks and livestock.
Treated wood should not be intended for uses involving contact with food, feed or livestock.

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

First aid measures: After inhalation: Ensure fresh air supply, if necessary give artificial respiration and keep concerned person warm. If symptoms persist, seek medical advice. If unconscious, position and transport concerned person in a stable position. After skin contact: Wash off immediately with plenty of soap and water and rinse thoroughly. If skin irritation persists, seek medical attention. After eye contact: Rinse open eyes for several minutes under running water and seek medical attention.

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

Larger quantities of leftover product must be disposed of in the original container in compliance with valid regulations. Only completely empty, clean containers should be recycled. Refuse code No.: 03 02 05

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

One year stored cool, dry and protected from frost in closed, original containers. Close container tightly after use. Observe legal provisions for storing liquids that are hazardous to the environment. Store cool and dry in tightly closed containers. Protect from frost. Store container in a well ventilated position. Protect from heat and direct sunlight.

5. General directions for use

5.1. Instructions for use

Induline GW-310

Field of use: outdoor use against blue stain fungi in Use class 2 and 3 situations.

The biocidal product is not intended or sold for the treatment of indoor housing areas with the exception of pre-treated window frames and pre-treated outside doors.

Brush treatment: remove old coatings such as thick-layer stains of finishing paints as well as bark and inner bark. Stir the stain well before using and apply with a soft brush suitable for stains in the direction of the grain. Apply a second coat after drying for 2-3 hours.

All other application methods: Apply necessary amount in one step. Permissible moisture content of dimensionally stable wood elements is 13 +/- 2 % and max. 18 % for wood elements with limited or no dimensional stability. The substrate must be free of grease, wax, soil and dust. The product is ready to use and has to be applied undiluted. Working temperature 10 - 30 °C (ambient temperature and temperature of the wooden substrate). Close containers tightly after use and use the contents as soon as possible. Drying time: 4 hours at 20°C/65% rel. humidity (lower temperatures and higher humidity may delay drying process). Clean Tools immediately after use with a thinner. Use only in well ventilated Areas. Avoid the Formation of Aerosols. Open and handle with care.

Induline GW-310 - clear

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5.2. Risk mitigation measures

Induline GW-310

Use only in well ventilated areas. Avoid the formation of aerosols. Open and handle container with care.

Observe the usual precautionary measures when handling chemicals. Immediately remove soiled, saturated clothing. Keep away from food, beverages and animal feed. Do not eat, drink or smoke while working. Use skin protection cream for preventive skin protection. Wash hands before pauses and after work. Avoid contact with eyes and skin. Do not inhale gases / vapours / aerosols. Respiratory protection if there is a risk of splashes/mist. Short term filter device: Filter A/P2. Protection of hands: Impervious gloves. Protective skin cream. Material of gloves: Chloroprene rubber, CR; Nitrile rubber, NBR Penetration time of glove material: Break through time: max. 240 min (DIN EN 374). The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Eye protection: Safety glasses if there is a risk of splashes Body protection: Protective work clothing. Keep children and pets away from treated surfaces until dried. Do not use on wood which may come in direct contact with food and feeding stuff.

Do not apply near bodies of surface water or in the area of water protection zones. During in-situ application to timbers and whilst surfaces are drying, do not contaminate soil. All losses of the product have to be contained (by covering the soil) and disposed of in a safe way.

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

Induline GW-310

First aid instructions:

General information: when symptoms occur or in case of doubt, seek medical advice

After inhalation: Supply fresh air. If necessary give artificial respiration and Keep concerned person warm. Consult doctor if symptoms persist. If unconscious, Position and Transport concerned Person in a stable position.

After skin contact: Wash immediately with water and soap and rinse thoroughly. If skind irritation persists, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water and seek medical attention.

After swallowing: Rinse out mouth and drink copious amounts of water. Do not induce vomitting. seek medical Attention immediately.

If the patient is conscious, give water to drink.

Treatment: symptomatic treatment.

To avoid dermatitis (skin inflammation), use skin cream.

Emergency measures to protect the environment: Do not allow to enter the ground or soil. Dilute with plenty of water when spilled.

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

Induline GW-310

Recommendation:

Do not dispose of together with household garbage. Do not allow product to reach sewage system. Must be specially treated in compliance with official regulations. The given refuse codes are recommendations based upon the intended use of the product.

Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

European waste catalogue:

08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

Uncleaned packaging: Recommendation:

Only completely empty containers may be recycled. Disposal of larger quantities of leftover must be made according to official regulations. Recommended cleaning agent: Water, if necessary with cleaning additive.

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

Induline GW-310

Store cool, dry and protected from frost in tightly closed original containers. Store container in a well ventilated position. Protect from heat and direct sunlight. Protect from frost. Shelf-life: 12 months.

Close Containers tightly after use.

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6. Other information

Induline GW-310, DK

I. Nedenstående etikettekst bruges for produkter under familien af Induline GW-310 specifikt relateret til meta SPC 1, som får godkendelsesnumret 692-11-1-X. Etiketten skal udformes i overensstemmelse med artikel 69 i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP Forordningen [1].

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69.

Nedstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Oplysninger i citationstegn skal angives ordret:

1)
I hovedfeltet:
"Træbeskyttelsesmiddel (PT8)

Må kun anvendes over jord til træbeskyttelse mod blåsplint. Må kun anvendes i brugsklasse 2 og 3 jf. DS/EN335-1."

1. I advarselsfeltet:

"FORSIGTIG

Skadeligt for vandlevende organismer, med langvarige virkninger (H412).

Undgå udledning til miljøet (P273).

Vær opmærksom på, at Arbejdstilsynet har regler for arbejde med bekæmpelsesmidler. Læs nærmere i det eventuelt lovpligtige sikkerhedsdatablad samt i Arbejdstilsynets informationsmateriale om bekæmpelsesmidler.

Vask huden efter arbejdet.

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

Må kun anvendes over jord til træbeskyttelse mod blåsplint. Må kun anvendes i brugsklasse 2 og 3, jf. DS/EN335-1 . Må kun anvendes til erhvervmæssig anvendelse i doseringer på 197-216 mL/m² ved erhvervmæssig pensling , dypning, flow-coat

proces og sprøjtning.

Produktet (Induline GW-310) må tillige anvendes i den angivne dosering i fuld-au-tomatiserede neddypningsprocesser, hvor alle trin i behandlings- og tørrings-processen er mekaniserede, og ikke omfatter manuel håndtering, herunder når de behandlede artikler transporteres gennem dyppetanken til drænings-/tørrings-områdene og lageret (hvis de ikke allerede er tørre på overfladen, inden de flyttes til lageret). Om nødvendigt skal de træartikler, der skal behandles, fastgøres helt (f.eks. med spændebånd eller fastspændingsanordninger) inden behandling og under neddypningsprocessen og må ikke håndteres manuelt, før overfladen på de behandlede artikler er tør.

Må ikke anvendes mod andre skadevoldere og ikke i højere doseringer end de i brugsanvisningen nævnte.

Må ikke anvendes til træværk, der kommer i direkte berøring med fødevarer og foderstoffer. Behandlet træ må indendørs kun bruges til vinduesrammer og yderdøre.

Må ikke anvendes indendørs.

Må ikke tømmes i kloakfløb.

Nyligt behandlet træ skal efter behandlingen henstilles overdækket eller på et hårdt og uigennemtrængeligt underlag for at forebygge direkte spild til jord og vand.

Eventuelt spild skal opsamles til genbrug eller bortskaffelse.

Opbevares utilgængeligt for børn (P102).

Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer.”

Evt. oplysninger om førstehjælp.

3) I deklarationsfeltet:

- a) Teksten "Træbeskyttelsesmiddel BPD-nr. 692-11-1-X [2] . Aktivstoffet er godkendt efter biociddirektivet (98/8/EF). Produktet er godkendt efter artikel 93 i biocidforordningen (forordning (EU) 528/2012)".
- b) Oplysning om præparattype: "Væske" for dette præparat.
- c) Indholdet af aktivstoffet i vægtprocent og g/L ved 20 °C.
- d) Sætningen: "Indeholder 1,2-benzisothiazol-3(2H)-one (BIT), 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 3-Iodo-2-propynylbutylcarbamate (IPBC). Kan udløse en allergisk reaktion."
- e) Sidste holdbarhedsdato. Denne dato må højst være to år efter produktionsdatoen. Etikettens dato kan udformes som en hen-visning til en produktionsdato andetsteds på emballagen.
- f) Batchnummer eller -betegnelse.
- g) Pakningsstørrelse i liter.
- h) Navn og firmaadresse, herunder telefonnummer, for en i en medlemsstat etableret fysisk eller juridisk person, som er ansvarlig for markedsføringen (godkendelsesindehaveren).

4) Brugsanvisningen skal indeholde:

- a) Oplysninger om skadevoldere, anvendelsesområde og doseringer.
- b) Følgende sætninger på en fremtrædende plads i brugsanvisningen:
Der skal mærkes med sikkerhedssætningen P501: "Indholdet/beholderen bortskaffes i overensstemmelse med kommunale regler for affaldshåndtering."
Derudover skal mærkningen ske efter følgende retningslinjer:
"Rester skal afleveres til den kommunale affaldsordning for farligt affald.
Tomme beholdere skal afskaffes med dagrenovationen".