



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

**SOVEREIGN TIMBER TREATMENT BROWN**  
Supersedes date 03-Nov-2022

Revision date 27-Jan-2025  
Revision Number 2.01

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product Name SOVEREIGN TIMBER TREATMENT BROWN

Pure substance/mixture Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Coatings and paints, thinners, paint removers

Uses advised against None known

### 1.3. Details of the supplier of the safety data sheet

#### Company Name

Bostik Limited  
Common Rd  
ST16 3EH  
Stafford UK  
Tel: +44 (1785) 27 26 25  
Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)  
NHS: 111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

GB CLP (SI 2020/1567 as amended)

Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Aspiration hazard	Category 1 - (H304)
Hazardous to the aquatic environment - chronic	Category 2 - (H411)

### 2.2. Label elements

Contains Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics; Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene



Signal word

United Kingdom - BE

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Danger

## Hazard statements

H304 - May be fatal if swallowed and enters airways.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H412 - Harmful to aquatic life with long lasting effects.

## EU Specific Hazard Statements

EUH066 - Repeated exposure may cause skin dryness or cracking

**EUH208 - phrase check custom fields** for substances and replace this phrase by correct sentence - if already **H317** then EUH208 not required. Option also to use **EUH204/205** and omit EUH208 - confirm artwork

## Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P260 - Do not breathe dust, fume, gas, mist, vapors and spray  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
P331 - Do NOT induce vomiting  
P405 - Store locked up  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public. This product requires child resistant fastenings when supplied to the general public unless the product is placed on the market in the form of aerosols or in a container with a sealed spray attachment.

## 2.3. Other hazards

Toxic to aquatic life. In use, may form flammable/explosive vapour-air mixture.

## PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	80 - 100	01-2119457273-39-XXXX	918-481-9	Asp. Tox. 1 (H304) (EUH066)	-	-	-	-
Dipropylene glycol monomethyl ether 34590-94-8	1 - <2.5	01-2119450011-60-XXXX	252-104-2	[B]	-	-	-	-
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene 64742-82-1	1 - <2.5	01-2119458049-33-XXXX	265-185-4 (649-330-00-2)	STOT SE 3 (H336) STOT RE 1 (H372) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 3 (H226) (EUH066)	-	-	-	P

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Propiconazole 60207-90-1	0.1 - <0.3	No data available	262-104-4 (613-205-00-0)	Acute Tox. 4 (H302) Skin Sens. 1 (H317) Repr. 1B (H360D) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	1	1	-
3-Iodo-2-propynyl butylcarbamate [IPBC] 55406-53-6	0.1 - <0.3	No data available	259-627-5 (616-212-00-7)	Acute Tox. 4 (H302) Acute Tox. 3 (H331) Eye Dam. 1 (H318) Skin Sens. 1 (H317) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	10	1	-

Substances identified by a number starting "RR-" in the CAS-field are substances for which the CAS# is not adopted in EU and we use an internal numbering system to track within our SDS software

Note P - The harmonized classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0.1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

**Full text of H- and EUH-phrases: see section 16**

## Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics	918-481-9	RR-113412-9	5001	-	-	>5.001	-
Dipropylene glycol monomethyl ether	252-104-2	34590-94-8	-	-	-	-	-
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene	265-185-4 (649-330-00-2)	64742-82-1	-	-	-	-	-
Propiconazole	262-104-4 (613-205-00-0)	60207-90-1	550	-	-	-	-
3-Iodo-2-propynyl butylcarbamate [IPBC]	259-627-5 (616-212-00-7)	55406-53-6	1056	-	0.67	-	-

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Difficulty in breathing. Coughing and/ or wheezing. Dizziness.
<b>Effects of Exposure</b>	May cause damage to organs through prolonged or repeated exposure.

## 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to doctors</b>	Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances.
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## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Full water jet.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

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**Personal precautions** Ensure adequate ventilation. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

## 6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

## 6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials.

**Recommended storage temperature** Keep at temperatures between 5 and 25 °C.

### 7.3. Specific end use(s)

**Specific use(s)**  
Coatings and paints, thinners, paint removers.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	United Kingdom
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	-	Vapour RCP-TWA 1200 mg/m <sup>3</sup> 184 ppm Total hydrocarbons (ExxonMobil)
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> *	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup> STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> Sk*

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Asphalt 8052-42-4	-	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
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Chemical name	European Union	Ireland	United Kingdom
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	-	-	1200 mg/m <sup>3</sup> 171ppm 8h TWA
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene 64742-82-1	-	-	STEL: 600 mg/m <sup>3</sup> WEL: 350 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)** No information available

### Derived No Effect Level (DNEL)

#### Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene (64742-82-1)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	330 mg/m <sup>3</sup>	
worker Short term Systemic health effects	Inhalation	570 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	21 mg/kg bw/d	

#### 3-Iodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	0.023 mg/m <sup>3</sup>	
worker Short term Systemic health effects	Inhalation	1.16 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	2 mg/kg bw/d	

### Derived No Effect Level (DNEL)

#### Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene (64742-82-1)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	71 mg/m <sup>3</sup>	
Consumer Short term Systemic health effects	Inhalation	570 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Dermal	12 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	21 mg/kg bw/d	

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## Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	
3-Iodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.001 mg/l
Sewage treatment plant	0.44 mg/l
Freshwater sediment	0.017 mg/kg dry weight
Marine sediment	0.002 mg/kg dry weight
Soil	0.005 mg/kg dry weight

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

### Personal protective equipment

<b>Eye/face protection</b>	Tight sealing safety goggles.
<b>Hand protection</b>	Wear protective gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature.
<b>Skin and body protection</b>	Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic or rubber.
<b>Respiratory protection</b>	In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Recommended filter type:</b>	Organic gases and vapours filter conforming to EN 14387.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Colour</b>	Brown
<b>Odour</b>	Petroleum distillates.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	< -50 °C	
<b>Initial boiling point and boiling range</b>	146 °C	
<b>Flammability</b>	No data available	
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	> 61 °C	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	Not applicable. Insoluble in water.
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	
<b>Water solubility</b>	Insoluble in water.	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Vapour pressure</b>	No data available	None known
<b>Relative density</b>	0.820	
<b>Bulk density</b>	No data available	
<b>Density</b>	No data available	
<b>Relative vapour density</b>	No data available	None known
<b>Particle characteristics</b>		

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**Particle Size** No information available  
**Particle Size Distribution** No information available

## 9.2. Other information

**Solid content (%)** No information available  
**VOC content** No data available

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity** No information available.

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

### **Explosion data**

**Sensitivity to mechanical impact** None.  
**Sensitivity to static discharge** None.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

**Conditions to avoid** None known based on information supplied.

### 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None under normal use conditions. Stable under recommended storage conditions.

## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. May cause irritation.

**Skin contact** Repeated exposure may cause skin dryness or cracking.



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## Ingestion

Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

## Acute toxicity

## Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>2000 mg/kg
ATEmix (dermal)	>2000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	262.70 mg/l
ATEmix (inhalation-vapour)	>20 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics	DL50 >5000 mg/kg (Rattus)	DL50 >2000 mg/kg (Oryctolagus cuniculus)	LC50 (8h) >5000 mg/m <sup>3</sup> Rat - Vapours
Dipropylene glycol monomethyl ether	=5.35 g/kg (Rattus)	= 9500 mg/kg (Oryctolagus cuniculus)	-
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene	>5000 mg/kg (Rattus)	> 3160 mg/kg (Oryctolagus cuniculus)	-
Propiconazole	=550 mg/kg (Rattus) (OECD 425)	> 4 g/kg (Rattus) > 4000 mg/kg (Oryctolagus cuniculus)	=1264 mg/m <sup>3</sup> (Rattus) 4 h > 5800 mg/m <sup>3</sup> (Rattus) 4 h
3-Iodo-2-propynyl butylcarbamate [IPBC]	LD50 =1056 mg/Kg (Rattus) (OECD 401)	LD50 >2000 mg/Kg (Rattus)	=0.67 mg/L (Rattus) 4 h

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

3-Iodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig	Dermal Dose 5 %	Sensitising

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

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**Reproductive toxicity** Based on available data, the classification criteria are not met.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Propiconazole	Repr. 1B

3-Iodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)

Method	Species	Results
OECD Test No. 416: Two-Generation Reproduction Toxicity	Rat in vivo	Based on available data, the classification criteria are not met

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

H373 - May cause damage to the following organs through prolonged or repeated exposure: Central nervous system.

3-Iodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 453: Combined Chronic Toxicity/Carcinogenicity Studies	Rat	Oral	20/40/80 mg/kg bw/d	2 Years	No Observed Adverse Effect Level
OECD Test No. 409: Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents	Rabbit	Oral	0/500/2000/4000 ppm	90 days	No Observed Adverse Effect Level
OECD Test No. 413: Sub-chronic Inhalation Toxicity: 90-day Study	Rat	Inhalation Dust/Mist	0/0.23/ 0.3/1.16/6.7 mg/m <sup>3</sup>	90 days	NOAEC 1.16 mg/m <sup>3</sup>
OECD Test No. 411: Sub-chronic Dermal Toxicity: 90-day Study	Rat	Dermal	50/200/500 mg/kg bw/d	91 days	NOAEL 200 mg/kg bw/d

**Aspiration hazard** May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties**

### 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics,	LEO (72h) =1000 mg/L Algae	LLO (96h) =1000 mg/L (Oncorhynchus	-	LEO (48h) =1000 mg/L (Daphnia		

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<2% aromatics RR-113412-9	(Pseudokirchneriella subcapitata)	mykiss)		magna)		
Dipropylene glycol monomethyl ether 34590-94-8	-	LC50: >10000mg/L (96h, Pimephales promelas)	-	LC50: =1919mg/L (48h, Daphnia magna)		
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene 64742-82-1	-	96 Hr 4.5-23 mg/L (Pimephales promelas) OECD guideline 203	-	LC50 96 h = 2.6 mg/L (Chaetogammarus marinus ) 4.5mg/L (Daphnia magna) OECD guideline 202		
Propiconazole 60207-90-1	-	-	-	-	1	1
3-Iodo-2-propynyl butylcarbamate [IPBC] 55406-53-6	EC50 (72 hrs) 0.022 mg/l Scenedesmus subspicatus	LC50 96 h 0.049 - 0.079 mg/L (Oncorhynchus mykiss flow-through)	-	EC50 (48hrs) 0.16 mg/l - Daphnia magna	10	1

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics (RR-113412-9)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days		80 % Readily biodegradable

3-Iodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days		Not readily biodegradable

## 12.3. Bioaccumulative potential

### Bioaccumulation

#### Component Information

Chemical name	Partition coefficient
Dipropylene glycol monomethyl ether	0.35
3-Iodo-2-propynyl butylcarbamate [IPBC]	2.88

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics	The substance is not PBT / vPvB
Dipropylene glycol monomethyl ether	The substance is not PBT / vPvB

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Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene	The substance is not PBT / vPvB
Propiconazole	The substance is not PBT / vPvB
3-Iodo-2-propynyl butylcarbamate [IPBC]	The substance is not PBT / vPvB

## 12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

## 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Handle contaminated packages in the same way as the product itself.
European Waste Catalogue	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances 15 01 10*: Packaging containing residues of or contaminated by dangerous substances
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

**Note:** The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

### Land transport (ADR/RID)

14.1 UN number or ID number	UN3082
14.2 UN proper shipping name	Environmentally hazardous substances, liquid, n.o.s.
14.3 Transport hazard class(es)	9
Labels	9
14.4 Packing group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s., 9, III, (-)
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	274, 335, 601, 375
Classification code	M6
Tunnel restriction code	(-)
Limited quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	90

### IMDG

14.1 UN number or ID number	UN3082
14.2 UN proper shipping name	Environmentally hazardous substances, liquid, n.o.s.
14.3 Transport hazard class(es)	9
14.4 Packing group	III
Description	UN3082, Environmentally hazardous substances, liquid, n.o.s., 9, III
14.5 Marine pollutant	NP
14.6 Special precautions for user	

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Special Provisions 274, 335, 969  
Limited Quantity (LQ) 5 L  
EmS-No. F-A, S-F

#### 14.7 Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

#### Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number UN3082  
14.2 UN proper shipping name Environmentally hazardous substances, liquid, n.o.s.  
14.3 Transport hazard class(es) 9  
14.4 Packing group III  
Description UN3082, Environmentally hazardous substances, liquid, n.o.s., 9, III  
14.5 Environmental hazards No  
14.6 Special precautions for user  
Special Provisions A97, A158, A197, A215  
Limited quantity (LQ) 30 kg G  
ERG Code 9L

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

#### EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No.	Restricted substance per REACH Annex XVII
Propiconazole	60207-90-1	Use restricted. See entry 30. Use restricted. See entry 75.

#### Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

#### Export Notification requirements

This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008.

Therefore this product is subject to prior informed consent notification .

Chemical name	European Export/Import Restrictions per (EC) 649/2012 - Annex Number
Propiconazole - 60207-90-1	I.1

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## Named dangerous substances per Seveso Directive (2012/18/EU)

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene - 64742-82-1		25000

## Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable

## Persistent Organic Pollutants

Not applicable

## REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

## National regulations

### 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H226 - Flammable liquid and vapour  
H302 - Harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H331 - Toxic if inhaled  
H336 - May cause drowsiness or dizziness  
H360D - May damage the unborn child  
H372 - Causes damage to organs through prolonged or repeated exposure  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects

#### Notes relating to the identification, classification and labelling of substances

Note P - The harmonized classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0.1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply

#### Legend

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
Sk*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods (IMDG)

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IATA International Air Transport Association (IATA)  
RID Regulations concerning the International Transport of Dangerous Goods by Rail

## Key literature references and sources for data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 27-Jan-2025

## Indication of changes

**Revision Note** SDS sections updated, 2, 3, 5, 4, 6, 7, 8, 13, 15.

**Training Advice** Provide adequate information, instruction, and training for operator

**Further information** No information available

**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**