



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 27-Jan-2025

Revision date 12-Feb-2026
Revision Number 2.02

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, n-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.
H411 - Toxic to aquatic life with long lasting effects.

EU Specific Hazard Statements

EUH066 - Repeated exposure may cause skin dryness or cracking

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 vapour
P273 - Avoid release to the environment
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P331 - Do NOT induce vomiting
P391 - Collect spillage
P405 - Store locked up
P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

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. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

Toxic to aquatic life. Combustible liquid. 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. (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, n-alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	80 - 100	01-2119457273 -39-XXXX	918-481-9	Asp. Tox. 1 (H304) (EUH066)	-	-	-	-
(2-methoxymethylethoxy)propanol 34590-94-8	1 - <2.5	01-2119450011 -60-XXXX	252-104-2	[B]	-	-	-	-
Asphalt 8052-42-4	1 - <2.5	01-2119480172 -44-XXXX	232-490-9	No data available	-	-	-	-
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)	-	-	-	P

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				(EUH066)				
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. 2 (H330) Eye Dam. 1 (H318) Skin Sens. 1 (H317) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	10	10	-
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	-

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

Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes

[B] - Substance with a Community workplace exposure limit

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. (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, n-alkanes, isoalkanes, cyclics, <2% aromatics	918-481-9	RR-113412-9	5001	-	-	>5.001	-
(2-methoxymethylethoxy)propanol	252-104-2	34590-94-8	-	-	-	-	-
Asphalt	232-490-9	8052-42-4	-	-	-	-	-
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene	265-185-4 (649-330-00-2)	64742-82-1	-	-	-	-	-
3-Iodo-2-propynyl butylcarbamate [IPBC]	259-627-5 (616-212-00-7)	55406-53-6	1056	-	0.17	0.17+	0.17+
Propiconazole	262-104-4 (613-205-00-0)	60207-90-1	550	-	-	-	-

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)

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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation	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.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	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.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). 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

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

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

Note to doctors	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	Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam.
Unsuitable extinguishing media	Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	Risk of ignition. Vapours may form explosive mixture with air. Most vapours are heavier than air. Vapours may spread along ground and collect in low or confined areas (sewers, basements, tanks).
Hazardous combustion products	Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Ensure adequate ventilation.

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 Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dyke far ahead of liquid spill for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Eliminate all ignition sources if safe to do so. Residues which cannot be recycled are disposed of as chemical waste. Equipment cleaned with organic solvent, washings are collected and disposed of as solvent waste.

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

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8.1. Control parameters

Exposure Limits

Chemical name	European Union	United Kingdom
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	-	Vapour RCP-TWA 1200 mg/m ³ 184 ppm Total hydrocarbons (ExxonMobil)
(2-methoxymethylethoxy)propanol 34590-94-8	TWA: 50 ppm; TWA: 308 mg/m ³ ; pSk	TWA: 50 ppm; TWA: 308 mg/m ³ ; STEL: 150 ppm; STEL: 924 mg/m ³ ; pSk
Asphalt 8052-42-4	-	TWA: 5 mg/m ³ ; fume STEL: 10 mg/m ³ ; fume

Chemical name	European Union	Ireland	United Kingdom
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	-	-	1200 mg/m ³ 171ppm 8h TWA
Asphalt 8052-42-4	-	4 µmol/mol Creatinine (urine - 1-Hydroxypyrene post shift)	-
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene 64742-82-1	-	-	STEL: 600 mg/m ³ WEL: 350 mg/m ³

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 ³	
worker Short term Systemic health effects	Inhalation	570 mg/m ³	
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 ³	
worker Short term Systemic health effects	Inhalation	1.16 mg/m ³	
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

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Consumer Long term Systemic health effects	Inhalation	71 mg/m ³	
Consumer Short term Systemic health effects	Inhalation	570 mg/m ³	
Consumer Long term Systemic health effects	Dermal	12 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	21 mg/kg bw/d	

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

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

Physical state Liquid
Colour Brown
Odour Petroleum distillates.

Property	Values	Remarks • Method
Melting point / freezing point	< -50 °C	
Initial boiling point and boiling range	146 °C	
Flammability	No data available	
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	> 61 °C	

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Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	No data available	Not applicable. Insoluble in water.
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	
Water solubility	Insoluble in water.	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	0.820	
Bulk density	No data available	
Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
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.

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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.
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 ATE values have been calculated for the mixture

ATEmix (oral)	>2000 mg/kg
ATEmix (dermal)	>2000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	19.60 mg/L
ATEmix (inhalation-vapour)	>20 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	DL50 >5000 mg/kg (Rattus)	DL50 >2000 mg/kg (Oryctolagus cuniculus)	LC50 (8h) >5000 mg/m ³ Rat - Vapours
(2-methoxymethylethoxy)propanol	=5.35 g/kg (Rattus)	= 9500 mg/kg (Oryctolagus cuniculus)	-
Asphalt	>5000 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	>94.4 mg/m ³ (Rattus) 4.5 h
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene	>5000 mg/kg (Rattus)	> 3160 mg/kg (Oryctolagus cuniculus)	-
3-Iodo-2-propynyl butylcarbamate [IPBC]	LD50 =1056 mg/Kg (Rattus) (OECD 401)	LD50 >2000 mg/Kg (Rattus)	=0.17 mg/L (Rattus) 4 h
Propiconazole	=550 mg/kg (Rattus) (OECD 425)	> 4 g/kg (Rattus) > 4000 mg/kg (Oryctolagus cuniculus)	=1264 mg/m ³ (Rattus) 4 h > 5800 mg/m ³ (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.

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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.

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 ³	90 days	NOAEC 1.16 mg/m ³
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

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Endocrine disrupting properties This mixture contains a substance that has endocrine disrupting properties with respect to humans.

Chemical name	Endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4)
Propiconazole	health effects

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Toxic 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, n-alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	LEO (72h) =1000 mg/L Algae (Pseudokirchneriella subcapitata)	LLO (96h) =1000 mg/L (Oncorhynchus mykiss)	-	LEO (48h) =1000 mg/L (Daphnia magna)		
(2-methoxymethylethoxy)propanol 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		
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	10
Propiconazole 60207-90-1	-	-	-	-	1	1

12.2. Persistence and degradability

Persistence and degradability No information available.

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

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Biodegradability: Manometric Respirometry Test (TG 301 F)			
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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
(2-methoxymethylethoxy)propanol	0.35
Asphalt	6
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 Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	Not PBT/vPvB
(2-methoxymethylethoxy)propanol	Not PBT/vPvB
Asphalt	Not PBT/vPvB
Naphtha, petroleum, hydrodesulfurized heavy <0.1% w/w Benzene	Not PBT/vPvB
3-Iodo-2-propynyl butylcarbamate [IPBC]	Not PBT/vPvB
Propiconazole	Not PBT/vPvB

12.6. Endocrine disrupting properties Endocrine disrupting properties

Endocrine disruption for the environment Based on available data, the classification criteria are not met.

12.7. Other adverse effects Other adverse effects

Other adverse effects No information available.
PMT or vPvM properties Based on available data, the classification criteria are not met.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. 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

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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. (3-Iodo-2-propynyl butylcarbamate [IPBC], Propiconazole)
14.3 Transport hazard class(es) 9
Labels 9
14.4 Packing group III
Description UN3082, Environmentally hazardous substances, liquid, n.o.s. (3-Iodo-2-propynyl butylcarbamate [IPBC], Propiconazole), 9, III, (-)
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274, 335, 375, 601, 650
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. (3-Iodo-2-propynyl butylcarbamate [IPBC], Propiconazole)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3082, Environmentally hazardous substances, liquid, n.o.s. (3-Iodo-2-propynyl butylcarbamate [IPBC], Propiconazole), 9, III, Marine pollutant
14.5 Marine pollutant P
14.6 Special precautions for user
Special Provisions 274, 335, 375, 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. (3-Iodo-2-propynyl butylcarbamate [IPBC], Propiconazole)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3082, Environmentally hazardous substances, liquid, n.o.s. (3-Iodo-2-propynyl butylcarbamate [IPBC], Propiconazole), 9, III
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions A97, A158, A197, A215
Limited quantity (LQ) 30 kg G
ERG Code 9L

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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	30 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

Dangerous substance category per Seveso Directive (2012/18/EU)

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

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 (EC) 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

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Not applicable

Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)

This product does not contain any substance(s) on the Drug Precursors list.

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

EUH066 - Repeated exposure may cause skin dryness or cracking

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

H330 - Fatal 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)
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

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Indication of changes

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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