

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 16/05/2016 Revision date: 16/05/2016

Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Name : Premier Nourish and Protect Wood Preserver Clear and Colours
Product code : WOPRGEN

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

1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use
Use of the substance/mixture : Wood treatment

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Barrettine
Barrettine Works
St Ivel Way
Warmley
Bristol
BS30 8TY

Tel: +44 (0) 1179 600060 Office hours only 8am–5pm Mon–Thurs. 8am-4.30pm Fri
Fax: +44 (0) 1179 352437
Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 1270 502891 (Out of Office Hours Emergency Number)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aspirational Hazard – Category 1 H304
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

May cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

GHS09

Signal word (CLP) : Danger

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazardous ingredients	: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 2-(2-butoxyethoxy) ethanaol, 3-iodoprop-2-ynyl butylcarbamate, tebuconazole, permethrin (ISO)
Hazard statements (CLP)	: H304 - May be fatal if swallowed and enters airways. H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	: P101 – If medical advice is needed, have product container or label at hand P102 – Keep out of reach of children P273 - Avoid release to the environment P280 - Wear eye protection, protective clothing, protective gloves P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P331 - Do NOT induce vomiting P391 - Collect Spillage P405 - Store locked up P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC no) 918-481-9	60 - 70	Asp. Tox. 1, H304
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	(CAS No) 112-34-5 (EC no) 203-961-6 (EC index no) 603-096-00-8 (REACH-no) 01-2119475104-44-XXXX	3 - 7	Eye Irrit. 2, H319
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	(CAS No) 55406-53-6 (EC no) 259-627-5 (EC index no) 259-627-5	0,6 – 0,8	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	(CAS No) 107534-96-3 (EC no) 403-640-2 (EC index no) 603-197-00-7	0,2 – 0,4	Acute Tox. 4 (Oral), H302 Repr. 2, H361d Aquatic Chronic 2, H411
permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	(CAS No) 52645-53-1 (EC no) 258-067-9 (EC index no) 613-058-00-2	< 0,1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410 (M=1000)

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
First-aid measures after skin contact	: Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

- First-aid measures after eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- First-aid measures after ingestion : Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

See Section 11 for more detailed information on health effects and symptoms

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

See Section 11 for more detailed information on health effects and symptoms Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

- Hazards from the substance or mixture : Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
- Hazardous combustion products : Decomposition products may include the following materials:
carbon oxides
metal oxide/oxides

5.3. Advice for firefighters

- Special precautions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Put on appropriate personal protective equipment (see Section 8).

6.2. Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

6.3. Methods and material for containment and cleaning up

- Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
- Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. Contaminated absorbent material may pose the same hazard as the spilt product.

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous.

7.2. Conditions for safe storage, including any incompatibilities

: Store between the following temperatures: 0 to 30°C (32 to 86°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)		
EU	IOELV TWA (mg/m ³)	67,5 mg/m ³ (2-(2-Butoxyethoxy)ethanol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
EU	IOELV TWA (ppm)	10 ppm (2-(2-Butoxyethoxy)ethanol; EU; Time-weighted average exposure limit 8 h; Indicative occupational exposure limit value)
EU	IOELV STEL (mg/m ³)	101,2 mg/m ³ (2-(2-Butoxyethoxy)ethanol; EU; Short time value; Indicative occupational exposure limit value)
EU	IOELV STEL (ppm)	15 ppm (2-(2-Butoxyethoxy)ethanol; EU; Short time value; Indicative occupational exposure limit value)
Austria	Local name	Butyldiglykol
Austria	MAK (mg/m ³)	67,5 mg/m ³
Austria	MAK (ppm)	10 ppm
Austria	MAK Short time value (mg/m ³)	101,2 mg/m ³
Austria	MAK Short time value (ppm)	15 ppm
Belgium	Local name	2-(2-Butoxyéthoxy)éthanol
Belgium	Limit value (mg/m ³)	67,5 mg/m ³
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m ³)	101,2 mg/m ³
Belgium	Short time value (ppm)	15 ppm
Bulgaria	Local name	2-(2-Бутокси-етокси) етанол•Ванадий - оксиди и неорг.
Bulgaria	OEL TWA (mg/m ³)	67,5 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	101,2 mg/m ³
Croatia	Local name	2-(2-Butoksietoksi)etanol; (Dietilen-glikol monobutil-eter)

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)		
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	67,5 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	10 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	101,2 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	15 ppm
Croatia	Naznake (HR)	EU** Xi
Czech Republic	Local name	2-(2-Buthoxyethoxy)-ethanol
Czech Republic	Expoziční limity (PEL) (mg/m ³)	70 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	10,6 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	100 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	15 ppm
Denmark	Local name	Butyldiglycol (2007)
Denmark	Grænseværdie (langvarig) (mg/m ³)	67,5 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	10 ppm
Denmark	Anmærkninger (DK)	E
Finland	Local name	2-(2-Butoksietoksi)etanoli
Finland	HTP-arvo (8h) (mg/m ³)	68 mg/m ³
Finland	HTP-arvo (8h) (ppm)	10 ppm
France	Local name	2-(2-butoxyéthoxy) éthanol
France	VME (mg/m ³)	67,5 mg/m ³
France	VME (ppm)	10 ppm
France	VLE (mg/m ³)	101,2 mg/m ³
France	VLE (ppm)	15 ppm
Germany	Local name	2-(2-Butoxyethoxy)ethanol
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	67 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm
Germany	Remark (TRGS 900)	EU,DFG,Y,11
Hungary	Local name	2-(2-BUTOXIETOXI)ETANOL
Hungary	AK-érték	67,5 mg/m ³
Hungary	CK-érték	101,2 mg/m ³
Hungary	Megjegyzések (HU)	EU2
Ireland	Local name	2-(2-Butoxyethoxy)ethanol
Ireland	OEL (8 hours ref) (mg/m ³)	67,5 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m ³)	101,2 mg/m ³
Ireland	OEL (15 min ref) (ppm)	15 ppm
Ireland	Notes (IE)	IOELV
Italy	Local name	2-(2-Butossietossi)etanolo
Italy	OEL TWA (mg/m ³)	67,5 mg/m ³
Italy	OEL TWA (ppm)	10 ppm
Italy	OEL STEL (mg/m ³)	101,2 mg/m ³
Italy	OEL STEL (ppm)	15 ppm
Latvia	Local name	2-(2-Butoksietoksi) etanols(butildiglikols)
Latvia	OEL TWA (mg/m ³)	67,5 mg/m ³
Latvia	OEL TWA (ppm)	10 ppm
Latvia	OEL STEL (mg/m ³)	101,2 mg/m ³

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)		
Latvia	OEL STEL (ppm)	15 ppm
Lithuania	Local name	2-(2-butoksietoksi)etanolis (dietilenglikolio monobutyleteris, oksidietanolio monobutyleteris)
Lithuania	IPRV (mg/m ³)	100 mg/m ³
Lithuania	IPRV (ppm)	15 ppm
Lithuania	TPRV (mg/m ³)	200 mg/m ³
Lithuania	TPRV (ppm)	30 ppm
Luxembourg	Local name	2-(2-butoxyéthoxy)éthanol
Luxembourg	OEL TWA (mg/m ³)	67,5 mg/m ³
Luxembourg	OEL TWA (ppm)	10 ppm
Luxembourg	OEL STEL (mg/m ³)	101,2 mg/m ³
Luxembourg	OEL STEL (ppm)	15 ppm
Malta	Local name	2-(2-Butoxyethoxy) ethanol
Malta	OEL TWA (mg/m ³)	67,5 mg/m ³
Malta	OEL TWA (ppm)	10 ppm
Malta	OEL STEL (mg/m ³)	101,2 mg/m ³
Malta	OEL STEL (ppm)	15 ppm
Netherlands	Local name	2-(2-Butoxyethoxy)ethanol
Netherlands	Grenswaarde TGG 8H (mg/m ³)	50 mg/m ³
Netherlands	Grenswaarde TGG 8H (ppm)	7,4 ppm (2-(2-butoxyethoxy)ethanol; Netherlands; Time-weighted average exposure limit 8 h; Public occupational exposure limit value)
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	100 mg/m ³
Netherlands	Grenswaarde TGG 15MIN (ppm)	15 ppm (2-(2-butoxyethoxy)ethanol; Netherlands; Short time value; Public occupational exposure limit value)
Netherlands	Remark (MAC)	H
Poland	Local name	2-(2-Butoksyetoksy)etanol
Poland	NDS (mg/m ³)	67 mg/m ³
Poland	NDSch (mg/m ³)	100 mg/m ³
Romania	Local name	Dowanol DB (eter monobutilic al dietilenglicolului)
Romania	OEL TWA (mg/m ³)	150 mg/m ³
Romania	OEL STEL (mg/m ³)	250 mg/m ³
Slovenia	Local name	2-(2-butoksietoksi)etanol (butildietilenglikol)
Slovenia	OEL TWA (mg/m ³)	67,5 mg/m ³
Slovenia	OEL TWA (ppm)	10 ppm
Slovenia	OEL STEL (mg/m ³)	101,25 mg/m ³
Slovenia	OEL STEL (ppm)	15 ppm
Spain	Local name	2-(2-Butoxi)etanol (Dietilenglicol monobutiléter)
Spain	VLA-ED (mg/m ³)	67,5 mg/m ³
Spain	VLA-ED (ppm)	10 ppm
Spain	VLA-EC (mg/m ³)	101,2 mg/m ³
Spain	VLA-EC (ppm)	15 ppm

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)		
Spain	Notes	(2007), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país.), r (Esta sustancia tiene establecidas restricciones a la fabricación, la comercialización o el uso en los términos especificados en el "Reglamento (CE) nº 1907/2006 sobre Registro, Evaluación, Autorización y Restricción de sustancias y preparados químicos" (REACH) de 18 de diciembre de 2006 (DOUE L 369 de 30 de diciembre de 2006). Las restricciones de una sustancia pueden aplicarse a todos los usos o sólo a usos concretos. El anexo XVII del Reglamento REACH contiene la lista de todas las sustancias restringidas y especifica los usos que se han restringido.)
Sweden	Local name	Diethylene glycol mono-butyl ether
Sweden	nivågränsvärde (NVG) (mg/m ³)	100 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	15 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	200 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	30 ppm
United Kingdom	Local name	2-(2-Butoxyethoxy)ethanol
United Kingdom	WEL TWA (mg/m ³)	67,5 mg/m ³
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	WEL STEL (mg/m ³)	101,2 mg/m ³
United Kingdom	WEL STEL (ppm)	15 ppm
Iceland	Local name	2-(2-bútoxýetoxý)etanól (bútýldíglýkól)
Iceland	OEL (8 hours ref) (mg/m ³)	67,5 mg/m ³
Iceland	OEL (8 hours ref) (ppm)	10 ppm
Iceland	OEL (15 min ref) (mg/m ³)	101,2 mg/m ³
Iceland	OEL (15 min ref) (ppm)	15 ppm
Norway	Local name	2-2(Butoksyetoksy)etanol
Norway	Grenseverdier (AN) (mg/m ³)	68 mg/m ³
Norway	Grenseverdier (AN) (ppm)	10 ppm
Switzerland	Local name	Butyldiglycol
Switzerland	VME (mg/m ³)	67 mg/m ³
Switzerland	VME (ppm)	10 ppm
Switzerland	VLE (mg/m ³)	101,2 mg/m ³
Switzerland	VLE (ppm)	15 ppm
Switzerland	Remark (CH)	4x15
USA - ACGIH	Local name	Diethylene glycol monobutyl ether
USA - ACGIH	ACGIH TWA (ppm)	10 ppm

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations Recommended: (< 1 hour) Butyl rubber - IIR , Fluorinated rubber - FKM or Polyvinyl chloride – PVC.
Eye protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: safety glasses with side-shields
Skin and body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Wear protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: No data available
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Closed cup: 64 °C
Auto-ignition temperature	: 225 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: 0,86 kg/L
Relative density	: No data available
Solubility	: Immiscible in water
Log Pow	: No data available
Viscosity, kinematic	: 0,09 cm ² /s
Viscosity, dynamic	: 7,6 mPas
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not swallow. Avoid release to the environment.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Ingestion : May be fatal if swallowed and enters airways.
 Skin contact : Defatting to skin. May cause skin dryness and irritation.
 Acute toxicity

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (918-481-9)	
LD50 oral rat	> 5000 mg/kg,Rat; OECD 401: Acute Oral Toxicity
LD50 dermal rabbit	> 5000 mg/kg Rabbit; OECD 402: Acute Dermal Toxicity
LC50 inhalation rat (mg/m ³)	4951 mg/m ³ /4h Rat; OECD 403: Acute Dermal Toxicity
permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
LD50 oral rat	480 mg/kg (Rat)
LD50 dermal rat	> 2000 mg/kg (Rat)
LC50 inhalation rat (mg/l)	>23,5 mg/l/4h (Rat)
3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)	
LD50 oral rat	300 to 500 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)	
LD50 oral rat	4000 mg/kg (Rat)
LD50 dermal rat	5000 mg/kg (Rat)
LC50 inhalation rat (mg/l)	5093 mg/m ³ /4h Rat; OECD 403: Acute Dermal Toxicity
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
LD50 oral rat	7292 mg/kg (Rat)
LD50 dermal rabbit	2764 mg/kg (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)

Skin corrosion/irritation : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics: Slight irritant repeated or prolonged contact may cause irritation and dermatitis
 2-(2-butoxyethoxy)ethanol: Slightly irritant , Rabbit
 3-iodoprop-2-ynyl butylcarbamate: Non-irritating

Serious eye damage/irritation : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics: Non-irritating
 2-(2-butoxyethoxy)ethanol: Moderate irritant , Rabbit
 3-iodoprop-2-ynyl butylcarbamate: Severe irritant . Risk of serious damage to eyes.

Respiratory or skin sensitisation : 2-(2-butoxyethoxy)ethanol: Not sensitising, Guinea pig
 3-iodoprop-2-ynyl butylcarbamate: Sensitising, Guinea pig
 permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate: Sensitising, Guinea pig
 tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3): Not sensitising, Guinea pig
 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics: Not sensitising

Germ cell mutagenicity : 2-(2-butoxyethoxy)ethanol: Negative

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) :

Product/ingredient name	Category	Route of exposure	Target Organs
3-iodoprop-2-ynyl butylcarbamate	Category 3	Not Applicable	Respiratory tract irritation

Aspiration hazard :

Product /ingredient name	Result
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	ASPIRATION HAZARD – Category 1

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)	
LC50 fish 2	0,2 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system)
EC50 Daphnia 2	0,16 mg/l (EC50; EPA OPP 72-2; 48 h; Daphnia magna; Flow-through system)
Threshold limit algae 1	0,022 mg/l (EbC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system)
permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
LC50 fish 1	0,0025 mg/l (LC50; 96 h)
EC50 Daphnia 1	0,00043 mg/l (EC50; 48 h)
Threshold limit algae 1	.68 - .72,EC50
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (918-481-9)	
LC50 fish 2	> 1000 mg/l (LC50)
EC50 Daphnia 2	> 1000 mg/l (EC50)
Threshold limit algae 2	> 1000 mg/l (EC50)
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
EC50 Daphnia 1	> 100 mg/l (EC50; 48 h)
EC50 Daphnia 2	2850 mg/l (EC50; 24 h)
Threshold limit algae 1	> 100 mg/l (IC 50; 96 h)
LC50 fish 1	1300 mg/l (LC 50; 96 h)
LC50 fish 2	2700 mg/l (LC 50; 24h)
tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)	
EC50 Daphnia 1	2,79 mg/l (EC 50; 48 h)
NOEC Daphnia 2	0,01 mg/l (NOEC; 28 d)
Threshold limit algae 1	3,8 mg/l (IC50; 72 h)
LC50 fish 1	4,4 mg/l (LC50; 96 h)

12.2. Persistence and degradability

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)	
Persistence and degradability	Not readily biodegradable in water. Inherently biodegradable. Low potential for adsorption in soil.
Chemical oxygen demand (COD)	1,15 g O ₂ /g substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (918-481-9)	
Persistence and degradability	Readily biodegradability 80% 28 d (OECD 301E – modified OECD screening test)
tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)	
Persistence and degradability	Readily biodegradability 80% 28 d (301C – modified modified MITI test)

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in soil. No (test)data available on mobility of the substance. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0,25 g O ₂ /g substance
Chemical oxygen demand (COD)	2,08 g O ₂ /g substance
ThOD	2,173 g O ₂ /g substance
BOD (% of ThOD)	0,11

12.3. Bioaccumulative potential

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)	
BCF fish 1	3,3 - 4,5 (BCF)

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)	
Log Pow	2,81 (Literature; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 25 °C)
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500).
permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
BCF fish 1	560 (BCF)
BCF fish 2	480 (BCF)
BCF other aquatic organisms 1	0,1 mg/l (BCF; >24 h)
BCF other aquatic organisms 2	1900 (BCF)
Log Pow	3,48 - 6,5
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (918-481-9)	
Bioaccumulative potential	bioaccumulable.

tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)	
Bioaccumulative potential	Bioaccumulation: No data available.

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
BCF fish 1	0,46 (BCF)
Log Pow	0,56 (Experimental value)
Bioaccumulative potential	Low bioaccumulation potential (Log Kow < 4).

12.4. Mobility in soil

3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)	
Surface tension	0,0691 N/m (158 mg/l)
Log Koc	Koc,PCKOCWIN v1.66; 198.1; Calculated value
permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
Ecology - soil	Toxic to bees.
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (918-481-9)	
Surface tension	0,026 N/m (20 °C)
tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)	
Surface tension	No data available.
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
Surface tension	0,034 N/m (25 °C)

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

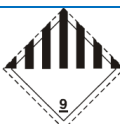


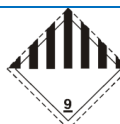
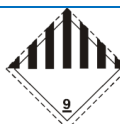
13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Waste disposal recommendations : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
3082	3082	3082	3082	3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-	Environmentally hazardous substance, liquid, n.o.s. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-

ADR	IMDG	IATA	ADN	RID
propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate	propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate	propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate	propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate	propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate
Transport document description				
UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2- (2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2- propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate, 9, III, (E)	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2- (2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2- propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate, 9, III, MARINE POLLUTANT/ENVIRONM ENTALLY HAZARDOUS	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2- (2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2- propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate, 9, III, ENVIRONMENTALLY HAZARDOUS	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2- (2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2- propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate, 9, III, ENVIRONMENTALLY HAZARDOUS	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2- (2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2- propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4- chlorophenyl)-4,4- dimethyl-3-(1,2,4-triazol-1- ylmethyl)pentan-3-ol; permethrin, m- phenoxybenzyl 3-(2,2- dichlorovinyl)-2,2- dimethylcyclopropanecarb oxylate, 9, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 601, 375
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19

Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13
Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : E
EAC code : •3Z

- Transport by sea

Special provisions (IMDG) : 274, 335, 969
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP2, TP29
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Stowage category (IMDG) : A

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L
Special provisions (IATA) : A97, A158, A197
ERG code (IATA) : 9L

- Inland waterway transport

Classification code (ADN) : M6
Special provisions (ADN) : 274, 335, 375, 601
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : M6
Special provisions (RID) : 274, 335, 375, 601
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1

Premier Nourish and Protect Wood Preserver Clear and Colours Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Premier Nourish and Protect Wood Preserver - Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol; permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate
3.a. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Premier Nourish and Protect Wood Preserver - Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether; 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate; tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol; permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate
3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Premier Nourish and Protect Wood Preserver - permethrin, m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Premier Nourish and Protect Wood Preserver - Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
55. 2-(2-butoxyethoxy)ethanol (DEGBE)	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations**Germany**

VwVwS Annex reference	: Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

Denmark

Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Repr. 2	Reproductive toxicity, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
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
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H361d	Suspected of damaging 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

SDS EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.