



SAFETY DATA SHEET
NOURISH AND PROTECT WOOD PROTECTIVE
TREATMENT CLEAR AND COLOURS

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Compilation date: 17/03/2016

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Revision No: 2

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

1.1. Product identifier

Product name: NOURISH AND PROTECT WOOD PROTECTIVE TREATMENT CLEAR AND COLOURS

Product code: PTCCGEN

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

Use of substance / mixture: * Consumer Use. Professional Use. Industrial Use. Wood treatment. Unique Formula Identifier (UFI) in accordance with Commission Regulation (EU) No 2017/542. UFI: 5V00-X0JM-P00J-03HT

1.3. Details of the supplier of the safety data sheet

Company name: J.V. Barrett & Co Ltd

St Ivel way

Warmley

Bristol

BS30 8TY

United Kingdom

Tel: 01179600060

Fax: 01179352437

Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; -: EUH066

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

[cont...]

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2.2. Label elements

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.
H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard



Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing fume, vapours, mist, spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear eye protection, face protection, protective clothing, protective gloves.
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 hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS - REACH registered number(s): 01-2119463258-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
919-857-5	-	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	70-98%

[cont...]

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2-(2-BUTOXYETHOXY)ETHANOL - REACH registered number(s): 01-2119475104-44-XXXX

203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-10%
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HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%). - REACH registered number(s): 01-2119458049-33-XXXX

919-446-0	-	-	Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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PARAFFIN WAX - REACH registered number(s): 01-2119488075-30-XXXX

232-315-6	8002-74-2	Substance with a Community workplace exposure limit.	-	0.1-1%
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Non-classified ingredients:

XYLENE - REACH registered number(s): 01-2119488216-32-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	<0.1%

COBALT BIS(2-ETHYLHEXANOATE) - REACH registered number(s): 01-2119524678-29-XXXX

205-250-6	136-52-7	-	Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Repr. 2: H361f; Skin Sens. 1A: H317	<0.1%
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ETHYLBENZENE - REACH registered number(s): 01-2119489370-35-XXXX

202-849-4	100-41-4	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304	<0.1%
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MESITYLENE

203-604-4	108-67-8	-	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	<0.1%
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Contains: HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2%
AROMATIC

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.
Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: May cause lung oedema. May be fatal if swallowed and enters airways.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Immediate medical attention is required. Treat Symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

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7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools. Do not eat, drink or smoke during use. Keep away from sources of ignition - No smoking. Ground/bond container and receiving equipment

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Non-classified ingredients:

XYLENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m ³	441 mg/m ³	-	-

COBALT BIS(2-ETHYLHEXANOATE)

UK	0.1 mg/m ³	-	-	-
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ETHYLBENZENE

UK	441 mg/m ³	552 mg/m ³	-	-
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MESITYLENE

UK	25 ppm	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	208 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	871 mg/m ³ /8H	Workers	Systemic
DNEL	Dermal (effects on fertility)	125 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	185 mg/m ³ /24H	Consumers	Systemic

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DNEL	Oral	125 mg/kg bw/day	Consumers	Systemic
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2-(2-BUTOXYETHOXY)ETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	14 ppm	Workers	Local
DNEL	Dermal (repeated dose)	20 mg/kg/bw/day	Workers	Local
DNEL	Inhalation (repeated dose)	10 ppm	Workers	Systemic
DNEL	Inhalation (repeated dose)	10 ppm	Workers	Local
DNEL	Inhalation	7.5 mg/m ³	General Population	Local
DNEL	Dermal (repeated dose)	10 mg/kg/bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	1.3 mg/kg/bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	5 mg/m ³	General Population	Local
PNEC	Fresh water	1 mg/l	-	-
PNEC	Marine water	0.1 mg/l	-	-
PNEC	Fresh water sediments	4 mg/l	-	-
PNEC	Marine sediments	0.4 mg/l	-	-
PNEC	Microorganisms in sewage treatment	200 mg/l	-	-
PNEC	Soil (agricultural)	0.4 mg/l	-	-

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%).

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	44 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	330 mg/m ³ /8h	Workers	Systemic
DNEL	Dermal (repeated dose)	26 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	76 mg/m ³ /24h	General Population	Systemic
DNEL	Oral (repeated dose)	26 mg/kg bw/day	General Population	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: If ventilation is insufficient suitable respiratory protection must be provided.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Avoid release to the environment

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Evaporation rate: No data available.

[cont...]

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Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: >41

Autoflammability°C: No data available.

Relative density: No data available.

VOC g/l: No data available.

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

pH: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable at room temperature and if used as recommended.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: Does not decompose when used and stored as recommended.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

GASES	RBT	24H LD50	> 5000	mg/kg
ORAL	RAT	LD50	> 5000	mg/kg
VAPOURS	RAT	8H LC50	> 5000	mg/m3

[cont...]

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2-(2-BUTOXYETHOXY)ETHANOL

DERMAL	RBT	LD50	2700	mg/kg
ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%).

DERMAL	RAT	LD50	>3400	mg/kg
ORAL	RAT	LD50	>15000	mg/kg
VAPOURS	RAT	LD50	>13100	mg/m3

PARAFFIN WAX

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

Non-classified ingredients:

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

ETHYLBENZENE

IPR	MUS	LD50	2624	µl/kg
ORL	RAT	LD50	3500	mg/kg
VAPOURS	RAT	4H LC50	17.2	mg/l

MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: May cause lung oedema. May be fatal if swallowed and enters airways.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

[cont...]

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12.1. Toxicity

Hazardous ingredients:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

ALGAE	72H EbL50	>1000	mg/l
ALGAE	72H ErL50	>1000	mg/l
Daphnia magna	48H EL50	>1000	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LL50	>1000	mg/l

2-(2-BUTOXYETHOXY)ETHANOL

ALGAE	96H EC50	100	mg/l
BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	1300	mg/l
Daphnia magna	48H EC50	100	mg/l

PARAFFIN WAX

ALGAE	NOEL	>100	mg/l
Daphnia magna	EL50	>10000	mg/l
Daphnia magna	NOEL	10	mg/l
FISH	LL50	>100	mg/l

XYLENE

ALGAE	72H IC50	2.2	mg/l
DAPHNIA	48H EC50	1	mg/l
FISH	96H LC50	2.6	mg/l

ETHYLBENZENE

Daphnia magna	48H EC50	1.8-2.4	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	4.2	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Slightly bioaccumulable.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

[cont...]

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12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1268

14.2. UN proper shipping name

Shipping name: PETROLEUM PRODUCTS, N.O.S.
(HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2%
AROMATICIS)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not Applicable.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

[cont...]

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Section 16: Other information

Other information

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

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H361f: Suspected of damaging fertility.

H372: Causes damage to organs through prolonged or repeated exposure.

H373: May cause damage to organs through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.