



SAFETY DATA SHEET

NOURISH AND PROTECT CLEAR UNIVERSAL

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Compilation date: 14/06/2016

Revision date: 20/07/2018

Revision No: 2

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

1.1. Product identifier

Product name: NOURISH AND PROTECT CLEAR UNIVERSAL

Product code: UPCLGEN

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: 7H00-W0T1-F00J-CR6J

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: Asp. Tox. 1: H304; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; -: EUH066; -: EUH208

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Contains propiconazole, 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction. May be fatal if swallowed and enters airways. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

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2.2. Label elements

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.
EUH208: Contains propiconazole, 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.
H304: May be fatal if swallowed and enters airways.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS08: Health hazard
GHS09: Environmental



Signal words: Danger

Precautionary statements: 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.
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 hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS - REACH registered number(s): 01-2119457273-39-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
918-481-9	-	-	Asp. Tox. 1: H304; -: EUH066	70-98%

(2-METHOXYMETHYLETHOXY)PROPANOL - REACH registered number(s): 01-2119450011-60-XXXX

252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	1-10%
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PROPICONAZOLE

262-104-4	60207-90-1	-	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	0.1-1%
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3-iodo-2-propynyl butylcarbamate - REACH registered number(s): 01-2120762115-60-XXXX

259-627-5	55406-53-6	-	Acute Tox. 3: H331; Acute Tox. 4: H302; STOT RE 1: H372; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	0.1-1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting. May be fatal if swallowed and enters airways.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion. 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: Treat Symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Water spray. Dry chemical powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent

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contact with skin and eyes. Contain the spread of the firefighting media. Do not allow run-off from firefighting to enter drains or water courses.

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. 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.

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.

6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance. Do not eat, drink or smoke during use. Wash hands after use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

(2-METHOXYMETHYLETHOXY)PROPANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	37.2 mg/m3	General Population	Systemic
DNEL	Inhalation (repeated dose)	308mg/m3	Workers	Systemic

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DNEL	Dermal (repeated dose)	283 mg/kg bw/day	Workers	Systemic
DNEL	Dermal (repeated dose)	121 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	36 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	19 mg/l	-	-
PNEC	Marine water	1.9 mg/l	-	-
PNEC	Microorganisms in sewage treatment	4.168 g/l	-	-
PNEC	Fresh water sediments	70.2 mg/kg	-	-
PNEC	Marine sediments	7.02 mg/l	-	-
PNEC	Soil (agricultural)	2.74 mg/kg	-	-

3-iodo-2-propynyl butylcarbamate

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	70 µg/m ³	Workers	Systemic
DNEL	Inhalation (repeated dose)	23 µg/m ³	Workers	Systemic
DNEL	Inhalation	1.16 mg/m ³	Workers	Local
DNEL	Inhalation (repeated dose)	1.16 mg/m ³	Workers	Local
DNEL	Dermal (repeated dose)	2 mg/kg bw/day	Workers	Systemic
PNEC	Fresh water	500 ng/l	-	-
PNEC	Fresh water sediments	17 µg/kg	-	-
PNEC	Marine water	46 ng/l	-	-
PNEC	Marine sediments	1.6 µg/kg	-	-
PNEC	Microorganisms in sewage treatment	440 µg/l	-	-
PNEC	Soil (agricultural)	5 µg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

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

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

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: Colourless

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

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Boiling point/range°C: No data available.
Flammability limits %: lower: No data available.
Flash point°C: No data available.
Autoflammability°C: No data available.
Relative density: No data available.
VOC g/l: No data available.

Melting point/range°C: Not applicable.
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 under normal conditions.

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.

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, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

DERMAL	RAT	24H LD50	>2000	mg/kg/bw
ORAL	RAT	LD50	>5000	mg/kg/bw
VAPOURS	RAT	8H LC50	>5000	mg/m3

(2-METHOXYMETHYLETHOXY)PROPANOL

DERMAL	RAT	4H LC50	>5800	mg/m3
DERMAL	RAT	NOAEL	2850	mg/kg

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ORAL	RAT	NOAEL	1000	mg/kg
ORAL	RAT	NOEL	200	mg/kg
VAPOURS	RAT	7H LC50	275	ppmV
VAPOURS	RAT	NOAEL	200	ppmV

PROPICONAZOLE

DERMAL	RAT	LD50	>4	g/kg
ORAL	RAT	LD50	1517	mg/kg
VAPOURS	RAT	4H LC50	>5.8	mg/l

3-iodo-2-propynyl butylcarbamate

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	300 to 500	mg/kg
VAPOURS	RAT	4H LC50	0.67	mg/l

Relevant hazards for product:

Hazard	Route	Basis
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting. May be fatal if swallowed and enters airways.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion. May be fatal if swallowed and enters airways.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

ALGAE	72H ErL50	>1000	mg/l
ALGAE	72H NOELR	=1000	mg/l
Daphnia magna	21D NOELR	=0.18	mg/l
Daphnia magna	48H EL50	>1000	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	28D NOELR	0.10	mg/l

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RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LL50	>1000	mg/l
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(2-METHOXYMETHYLETHOXY)PROPANOL

Daphnia magna	48H LC50	1919	mg/l
FISH	96H LC50	>1000	mg/l
GREEN ALGA (<i>Selenastrum capricornutum</i>)	96H EC50	>969	mg/l

PROPICONAZOLE

ALGAE	72H EC50	0.76	mg/l
Daphnia magna	48H EC50	10.2	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	4.3	mg/l

3-iodo-2-propynyl butylcarbamate

Daphnia magna	48H EC50	0.16	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	0.67	mg/l
Scenedesmus Subspicatus	72H ErC50	0.053	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Avoid release to the environment. Toxic to bees.

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: UN3082

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14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2%
AROMATICS; (2-METHOXYMETHYLETHOXY)PROPANOL; PROPICONAZOLE)

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: -

Transport category: 3

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.

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.
EUH208: Contains propiconazole, 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
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.

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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.