

## Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

#### 1.1. Product identifier

**Product name:** Black Pepper Essential Oil  
**CAS number:** 84929-41-9  
**EINECS number:** 284-524-7  
**Synonyms:** -  
**INCI name:** Piper Nigrum Fruit Oil

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

**Company name:** Bath and Body Base Ltd  
2A Laurel Way  
Bishop Auckland  
Co. Durham  
DL14 7NF  
**Tel:** 07493 064263  
**Email:** technical@bathandbodybase.com

#### 1.3. Emergency telephone number

**Emergency tel:** 07493 064263

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification (67/548/EEC):** No additional data available.  
**Classification (EU1272/2008):** Physical Hazards Flam. Liq. 3 - H226  
Health Hazards Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317, Asp. Tox. 1 - H304  
Environmental Hazards Aquatic Chronic 2 - H411

#### 2.2. Label elements

**Label in accordance with regulation (EC) no 1272/2008.**

**Hazard statements:** H226; Flammable liquid and vapour.  
H304; May be fatal if swallowed and enters airways.  
H315; Causes skin irritation.  
H317; May cause an allergic skin reaction.  
H319; Causes serious eye irritation.  
H411; Toxic to aquatic life with long lasting effects.

The full text for all hazard statements is displayed in Section 16.

**Signal words:** Danger

**Contains:** (R)-p-mentha-1,8-diene, beta-Pinene, alpha-Pinene, Sabinene, Delta-3-carene,  $\beta$ -bisabolene,  $\alpha$ -terpinolene, Neral, 1,8-cineole, Geranial

**Hazard pictograms:**

**Precautionary statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground and bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use non-sparking tools.  
 P243 Take action to prevent static discharges.  
 P261 Avoid breathing vapour/spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310 If swallowed: immediately call a poison centre/doctor.  
 P302+P352 If on skin: wash with plenty of water.  
 P303+P361+P353 If on skin/hair: take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P305+P351+P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see medical advice on this label).  
 P331 Do not induce vomiting.  
 P332+P313 If skin irritation occurs, get medical advice/attention.  
 P333+P313 If skin irritation or rash occurs, get medical advice/attention.  
 P337+P313 If eye irritation persists, get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P370+P378 In case of fire: use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P391 Collect spillage.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with national regulations.

**2.3. Other hazards**

<b>Adverse physio-chemical properties:</b>	No data.
<b>Adverse effects on human health:</b>	No data.
<b>PBT or vPvB according to Annex XIII:</b>	No data.

**Section 3: Composition/information on ingredients**
**3.1. Substances**

**Substances:** Not applicable.

**3.2. Mixtures****Mixtures:****25.0 – 35.0% Beta-caryophyllene**

CAS No.: 87-44-5, EC No.: 201-746-1

Classification (EC 1272/2008) Skin Sens. 1B - H317, Asp. Tox. 1 - H304

**10.0 – 20.0% (R)-p-mentha-1,8-diene**

CAS No.: 5989-27-5, EC No.: 227-813-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 3 - H412

**10.0 – 15.0% alpha-Pinene**

CAS No: 80-56-8, EC No: 201-291-9

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**10.0 – 15.0% beta-Pinene**

CAS No: 127-91-3, EC No: 242-060-2

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304 Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**5.0 – 10.0% Sabinene**

CAS No: 3387-41-5, EC No: 222-212-4

Classification (EC 1272/2008) Acute Tox. 4 - H302

**5.0 – 10.0% Delta-3-carene**

CAS No: 13466-78-9, EC No: 236-719-3

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304 Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**1.0 – 5.0% alpha-Phellandrene**

CAS No: 99-83-2, EC No: 202-792-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304

**1.0 – 5.0%  $\alpha$ -Humulene**

CAS No: 6753-98-6, EC No: 229-816-7

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335

**1.0 – 5.0% Beta-phellandrene**

CAS No: 555-10-2, EC No: 209-081-9

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304

**1.0 – 5.0% 7-methyl-3-methyleneocta-1,6-diene**

CAS No: 123-35-3, EC No: 204-622-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Asp. Tox. 1 - H304 Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**0.5 – 1.0% Caryophyllene Oxide**

CAS No: 1139-30-6, EC No: 214-519-7

Classification (EC 1272/2008) Aquatic Chronic 2 - H411

**0.5 – 1.0%  $\alpha$ -Terpinene**

CAS No: 586-62-9, EC No: 209-578-0

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317, Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

**0.5 – 1.0%  $\beta$ -bisabolene**

CAS No: 495-61-4

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304

**0.1 – 0.5% 1,8-cineole**

CAS No: 470-82-6, EC No: 207-431-5

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317

**0.1 – 0.5% Neral**

CAS No: 106-26-3, EC No: 203-379-2

Classification (EC 1272/2008) Flam. Liq. 3, H226, Asp. Tox. 1, H304, Aquatic Acute 1, H400; Aquatic Chronic 1, H410, Skin Sens. 1, H317

**0.25 – 0.5% Camphene**

CAS No: 79-92-5, EC No: 201-234-8

Classification (EC 1272/2008) Flam. Sol. 1 - H228, Eye Irrit. 2 - H319, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**0.1 – 0.5% Geranial**

CAS No: 141-27-5, EC No: 205-476-5

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317

**Section 4: First aid measures****4.1. Description of first aid measures**

<b>General advice:</b>	Always remove contaminated clothing immediately.
<b>Skin contact:</b>	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
<b>Eye contact:</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Get medical attention immediately. Immediately call the poison centre/doctor. Rinse mouth with water and obtain medical attention.
<b>Inhalation:</b>	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest and obtain medical attention.

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

<b>Skin contact:</b>	Irritating to skin.
<b>Eye contact:</b>	Causes serious eye damage.
<b>Ingestion:</b>	Harmful if swallowed.

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

<b>Immediate/special treatment:</b>	Treat symptomatically.
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**Section 5: Fire-fighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media:</b>	Foam, CO <sub>2</sub> , dry chemical powder.
<b>Unsuitable extinguishing media:</b>	Water.

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

**Special hazards:** Burning produces irritating, toxic and obnoxious fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.

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

**Clean-up procedures:** Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations. Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

**6.4. Reference to other sections**

**Reference to other sections:** Refer and consider Section 8 and 13.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

**Handling requirements:** Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces - no smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation do not eat, drink or smoke when using this product.

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

**Storage class:** Flammable liquid storage. Store only in the original receptacle. Keep container tightly sealed.

Keep in cool, dry, ventilated storage and closed containers. Keep away from heat.

**7.3. Specific end use(s)**

**Specific end use(s):** Flavours, fragrances: use in accordance with good manufacturing and industrial hygiene practices.

**Section 8: Exposure controls/personal protection****8.1. Control parameters****Control parameters:****(R)-p-mentha-1,8-diene (CAS: 5989-27-5)****DNEL**Workers - inhalation; long term systemic effects: 33.3mg/m<sup>3</sup>

General population - oral; long term systemic effects: 4.76mg/kg

**PNEC**

- STP; 1.8mg/l

- Soil; 0.262mg/kg

- Fresh water; 0.0054mg/l

- Marine water; 0.00054mg/l

- Sediment (fresh water); 1.32mg/kg

- Sediment (marine water); 0.13mg/kg

**alpha-Pinene (CAS: 80-56-8)****DNEL**Workers - inhalation; long term systemic effects: 3.8mg/m<sup>3</sup>

Workers - dermal; long term systemic effects: 0.54bw/day, mg/kg

General population - inhalation; long term systemic effects:  
0.67mg/m<sup>3</sup>General population - dermal; long term systemic effects: 0.19mg/kg,  
bw/dayGeneral population - oral; long term systemic effects: 0.19mg/kg,  
bw/day**PNEC**

- Fresh water; short term 0.606mg/l

- Fresh water, intermittent release; 3.03mg/l

- Marine water; short term 0.061mg/l

- Intermittent release, marine water; 0.303mg/l

- STP; short term 0.2mg/l

- Sediment (fresh water); short term 157mg/kg

- Sediment (marine water); short term 15.7mg/kg

- Soil; short term 31.7mg/kg

**beta-Pinene (CAS: 127-91-3)****DNEL**Workers - inhalation; long term systemic effects: 5.69mg/m<sup>3</sup>

Workers - dermal; long term systemic effects: 0.8bw/day, mg/kg

General population - inhalation; long term systemic effects: 1mg/m<sup>3</sup>General population - dermal; long term systemic effects: 0.3mg/kg,  
bw/dayGeneral population - oral; long term systemic effects: 0.3bw/day,  
mg/kg**PNEC**

- Fresh water; short term 1.004mg/l

- Intermittent release, fresh water; 5.02mg/l

- Marine water; short term 0.1mg/l

- STP; short term 3.26mg/l

- Sediment (fresh water); short term 0.337mg/kg

- Sediment (marine water); short term 0.034mg/kg

- Soil; short term 0.067mg/kg

**Delta-3-carene (CAS: 13466-78-9)****DNEL**Workers - inhalation; long term systemic effects: 5.69mg/m<sup>3</sup>

Workers - dermal; long term systemic effects: 0.8mg/kg, bw/day

General population - inhalation; long term systemic effects: 1mg/m<sup>3</sup>General population - dermal; long term systemic effects: 0.3mg/kg,  
bw/dayGeneral population - oral; long term systemic effects: 0.3bw/day,  
mg/kg

PNEC

- Fresh water; short term 0.44mg/l
- Marine water; short term 0.044mg/l
- STP; short term 3.26mg/l
- Sediment (fresh water); short term 104mg/kg
- Sediment (marine water); short term 10.4mg/kg
- Soil; short term 20.8mg/kg

**7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)**DNEL

Workers - dermal; long term systemic effects: 0.83mg/kg  
Workers - inhalation; long term systemic effects: 5.83mg/m<sup>3</sup>  
General population - dermal; long term systemic effects: 0.42mg/kg  
General population - inhalation; long term systemic effects:  
1.25mg/m<sup>3</sup>

PNEC

- STP; 0.2mg/l
- Soil; 1.015mg/kg
- Fresh water; 0.00028mg/l
- Marine water; 0.0008mg/l
- Sediment (fresh water); 5.022mg/kg
- Sediment (marine water); 0.502mg/kg

**a-terpinolene (CAS: 586-62-9)**DNEL

Workers - inhalation; long term systemic effects: 3.6mg/m<sup>3</sup>  
Workers - dermal; long term systemic effects: 0.52bw/day, mg/kg  
General population - inhalation; long term systemic effects: 0.9mg/m<sup>3</sup>  
General population - dermal; long term systemic effects: 0.26bw/day,  
mg/kg  
General population - oral; long term systemic effects: 0.26bw/day,  
mg/kg

PNEC

- Fresh water; short term 0.634mg/l
- Fresh water, intermittent release; short term 0.634mg/l
- Marine water; short term 0.063mg/l
- STP; short term 0.2mg/l
- Sediment (fresh water); short term 14.7mg/kg
- Sediment (marine water); short term 14.7mg/kg
- Soil; short term 29.1mg/kg

**1,8-cineole (CAS: 470-82-6)**DNEL

Workers - inhalation; long term systemic effects: 7.05mg/m<sup>3</sup>  
Workers - dermal; long term systemic effects: 2bw/day, mg/kg  
General population - inhalation; long term systemic effects:  
1.74mg/m<sup>3</sup>  
General population - dermal; long term systemic effects: 1bw/day,  
mg/kg  
General population - oral; long term systemic effects: 600mg/kg,  
bw/day

PNEC

- Fresh water; short term 5.7mg/l
- Intermittent release, fresh water; 0.57mg/l
- Marine water; short term 5.7mg/l
- STP; short term 10mg/l
- Sediment (fresh water); short term 1.425mg/kg
- Sediment (marine water); short term 0.142mg/kg
- Soil; short term 0.25mg/kg

**Camphene (CAS: 79-92-5)**

**DNEL**

Workers - inhalation; long term systemic effects: 110.19mg/m<sup>3</sup>  
 Workers - inhalation; short term systemic effects: 110.19mg/m<sup>3</sup>  
 Workers - dermal; long term systemic effects: 0.21mg/kg, bw/day  
 Workers - dermal; short term systemic effects: 1.25mg/kg, bw/day  
 General population - inhalation; long term systemic effects: 54.3mg/m<sup>3</sup>  
 General population - inhalation; short term systemic effects: 54.3mg/m<sup>3</sup>  
 General population - dermal; long term systemic effects: 0.1bw/day, mg/kg  
 General population - dermal; short term systemic effects: 0.625bw/day, mg/kg  
 General population - oral; long term systemic effects: 0.1bw/day, mg/kg  
 General population - oral; short term systemic effects: 0.625bw/day, mg/kg

**PNEC**

- Fresh water; short term 0.001mg/l  
 - Intermittent release, fresh water; 0.001mg/l  
 - Marine water; short term 0mg/l  
 - STP; short term 10mg/l  
 - Sediment (fresh water); short term 0.026mg/kg  
 - Sediment (marine water); short term 0.003mg/kg  
 - Soil; short term 0.021mg/kg

**8.2. Exposure controls**



<b>Eye protection:</b>	Wear protective gloves/eye protection/face protection. Avoid contact with eyes. Wear approved safety Goggles (EN166).
<b>Hand protection:</b>	Avoid contact with skin. Wash hands before breaks and at end of work. Wear protective gloves. DIN/EN374. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Penetration time of glove material: the exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Respiratory equipment:</b>	Suitable respiratory protection: filter class A2 (brown colour). Use the rules for application of respiratory protection systems.
<b>Hygiene measures:</b>	Good personal hygiene practices are always advisable, especially when working with chemicals/oils.
<b>Engineering measures:</b>	Provide adequate ventilation.
<b>Skin protection:</b>	Wear protective clothing to reduce the risk of skin and eye contact.
<b>Personal protection:</b>	Avoid inhalation of the product. Avoid contact with skin and eyes. Avoid contact with skin and eyes. Use personal protection according to directive 89/686/EEC.
<b>Other protection:</b>	Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.
<b>Process conditions:</b>	Ensure area is well ventilated. Avoid vapour inhalation. Safety shower and eye bath.
<b>Environmental exposure controls:</b>	Avoid discharging into drainage water. Only eliminate by authorised companies.



**Section 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Yellowish – greenish
<b>Odour:</b>	Characteristic
<b>Relative density @ 20°C</b>	0.865 – 0.885
<b>Flashpoint (°C)</b>	46 - 50°C
<b>Refractive index @ 20°C</b>	1.477 – 1.488
<b>Solubility in water @ 20°C</b>	No data.

**9.2. Other information**

<b>Other information:</b>	No data.
<b>Information with regard to physical hazard classes:</b>	No data.
<b>Other safety characteristics:</b>	No data.

**Section 10: Stability and reactivity****10.1. Reactivity**

<b>Reactivity:</b>	Not applicable.
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**10.2. Chemical stability**

<b>Chemical stability:</b>	Stable under suggested storage conditions (<15°C).
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**10.3. Possibility of hazardous reactions**

<b>Possibility of hazardous reactions:</b>	Not expected under normal conditions of use.
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**10.4. Conditions to avoid**

<b>Conditions to avoid:</b>	Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition.
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**10.5. Incompatible materials**

<b>Materials to avoid:</b>	Avoid concentrated acids, alkalis and oxidising agents.
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**10.6. Hazardous decomposition product**

<b>Haz. decomp. products:</b>	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes and smoke and carbon monoxide.
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**Section 11: Toxicological information****11.1. Information on toxicological effects**

<b>Acute toxicity:</b>	No data.
<b>Skin irritation:</b>	Reach dossier information. Irritating to skin.
<b>Eye damage or irritation:</b>	No data.
<b>Respiratory or skin sensitivity:</b>	Reach dossier information. Sensitising.
<b>Germ cell mutagenicity:</b>	No data.
<b>Carcinogenicity:</b>	No data.
<b>Reproductive toxicity:</b>	No data.
<b>STOT – single exposure:</b>	No data.
<b>STOT – repeated exposure:</b>	No data.
<b>Aspiration hazard:</b>	No data.

**11.2. Information on other hazards**

**Information on other hazards:** No data.

**Section 12: Ecological information****12.1. Toxicity**

**Toxicity:** No data.

**12.2. Persistence and degradability**

**Persistence and degradability:** Expected to be readily biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data.

**12.4. Mobility in soil**

**Mobility:** No data.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** No data.

**12.6. Endocrine disrupting properties**

**Endocrine disrupting potential:** No data.

**12.7. Other adverse effects**

**Other adverse effects:** Do not allow product to enter streams, sewers or other waterways.

**Section 13: Disposal considerations****13.1. Waste treatment methods**

**Product:** Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local and national waste regulations.

**Section 14: Transport information**

**UN number or ID number:** Road: UN1197  
Sea: UN1197  
Air: UN1197

**UN proper shipping name:** ADR: Extracts, Liquid  
IMDG: Extracts, Liquid (beta-Pinene) Marine Pollutant  
IATA: Extracts, Liquid

**Transport hazard class(es):** ADR/RID/ADN Class: 3: Flammable liquid  
IMDG Class: 3  
ICAO Class/division: 3

Transport label:



**Packaging group:** ADR/RID/ADN Packing group: III  
IMDG Packing group: III  
ICAO Packing group: III

**Environmental hazards:** Environmentally hazardous/marine pollutant



**Special precautions for user:** Warning: Flammable Liquid  
Danger code (Kemler): 30  
EMS number: F-E, S-D

**ADR**

Limited quantities (lq): 5l  
Excepted quantities (eq)  
Code: E1  
Maximum net quantity per inner packaging: 30ml  
Maximum net quantity per outer packaging: 1000ml  
Transport category: 3  
Tunnel restriction code: D/E

**IMDG**

Limited quantities (lq): 5l  
Accepted quantities (eq):  
Code: E1  
Maximum net quantity per inner packaging: 30ml  
Maximum net quantity per outer packaging: 1000ml

UN "model regulation": UN1169, extracts, aromatic, liquid, special provision 640E,

Environmentally hazardous, 3, III

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable.

## Section 15: Regulatory information

### 15.1. Product specific safety, health & environmental regulations & legislation

**EU Directives:** Regulation (EC) no 2020/878 of the European parliament and of the council of 18<sup>th</sup> December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European chemicals agency, amending directive 1999/45/EC and repealing council regulation (EEC) no793/93 and commission regulation (EC) no1488/94 as well as council directive 76/769/EEC and commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC and 2000/21/EC (including amendments).

**Statutory instruments:** The chemicals (hazard information and packaging for supply regulations 2009 (S.I.2009 No 716).

**Approved code of practice:** Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

**Guidance notes:** Workplace exposure limits EH40. CHIP for everyone HSG 108.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** Assessment has not been carried out as this is a non-hazardous material according to Article 31 of REACH 1907/2006.

**Section 16: Other information****16.1. Other information****Hazard and/or precautionary statements in full:**

H225; Highly flammable liquid and vapour.  
H226; Flammable liquid and vapour.  
H304; May be fatal if swallowed and enters airways.  
H315; Causes skin irritation.  
H317; May cause an allergic skin reaction.  
H319; Causes serious eye irritation.  
H335; May cause respiratory irritation.  
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.

**Other information:**

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

**Legal disclaimer:**

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product.

Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.