

SAFETY DATA SHEET according to Regulation (EU) 2015/830

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Black Disinfectant New

Revision 1
Revision date 2016-04-04

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

1.1. Product identifier

Product name	Black Disinfectant New
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	Disinfectant.

1.3. Details of the supplier of the safety data sheet

Company	Barrettine Group
Address	St. Ivel Way Warmley Bristol BS30 8TY
Web	www.barrettine.co.uk
Telephone	0117 960 0060
Fax	0117 935 2437
Email	sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 1270 502891 (out of Office Hours Emergency Number)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger

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2.2. Label elements

Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P102 - Keep out of reach of children P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P363 - Wash contaminated clothing before reuse. P391 - Collect spillage.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to local and national regulations

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, chlorides		68424-85-1	270-325-2		1 - 10%	C; R34 Xn; R21/22 N; R50	M=1
Diphenyl ether		101-84-8	202-981-2		0 - 0.5%	Xi; R36 R53	
Cresol, pure		1319-77-3	215-293-2		0 - 0.5%	T; R25 C; R34	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, chlorides		68424-85-1	270-325-2		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1A: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	M=1
Cresol, pure		1319-77-3	215-293-2		0 - 0.5%	Acute Tox. 3: H301+H311; Skin Corr. 1A: H314;	
Cinnamal		104-55-2	203-213-9		0 - 0.5%	Acute Tox. 4: H312; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319;	
Eugenol		97-53-0	202-589-1		0 - 0.5%	Skin Sens. 1: H317; Eye Irrit. 2: H319;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

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4.1. Description of first aid measures

Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Call a physician immediately.
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4.2. Most important symptoms and effects, both acute and delayed

Inhalation	See section 4.1 for further information.
Eye contact	See section 4.1 for further information.
Skin contact	See section 4.1 for further information.
Ingestion	See section 4.1 for further information.

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

	If you feel unwell, seek medical advice (show the label where possible). No further relevant information available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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5.2. Special hazards arising from the substance or mixture

	Corrosive. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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6.4. Reference to other sections

	See section 2,3,8,13 for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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7.3. Specific end use(s)

	See section 1.2 for further information.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	See section 8.2 for further information.
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8.1.1. Exposure Limit Values

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8.1.1. Exposure Limit Values

Cresol, pure	DIR: 91/322	8hTWA ppm: 5
	8hTWA mg/m ³ : 22	STEL ppm: -
Diphenyl ether	STEL mg/m ³ : -	NOT: -
	WEL 8-hr limit ppm: 1	WEL 8-hr limit mg/m ³ : 7.1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
	WEL 8-hr limit mg/m ³ total inhalable dust: -	WEL 15 min limit mg/m ³ total inhalable dust: -
	WEL 8-hr limit mg/m ³ total respirable dust: -	WEL 15 min limit mg/m ³ total respirable dust: -

8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Black
Odour	Strong
Odour threshold	No data available
pH	6 - 7
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Viscosity	> 1000 sec. 3 mm (ISO 2431)
Explosive properties	No data available
Solubility	Soluble in water

9.2. Other information

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9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No data is available on this product.
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10.4. Conditions to avoid

	No data is available on this product.
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10.5. Incompatible materials

	No data available.
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10.6. Hazardous decomposition products

	No data is available on this product.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritating to eyes.

SECTION 12: Ecological information

12.2. Persistence and degradability

	The product is expected to be biodegradable.
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12.3. Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	Black Disinfectant New No data available
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data on possible environmental effects have been found.
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12.6. Other adverse effects

	However, large or frequent spills may have hazardous effects on the environment. The product is not regarded as dangerous for the environment.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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13.1. Waste treatment methods

	Must be disposed of in accordance with local and national regulations.
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General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

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

	The classification detailed on this safety data sheet refers to the neat material only. Dilution of the product may reduce the classification. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 & (EC) No. 1272/2208 & (EC) 1999/45.
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15.2. Chemical safety assessment

	No information available.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - Hazard pictograms. 12 - 12.1. Toxicity. 14 - ADR/RID. 14 - IMDG. 14 - IATA.
Text of risk phrases in Section 3	R21/22 - Harmful in contact with skin and if swallowed. R25 - Toxic if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R50 - Very toxic to aquatic organisms. R53 - May cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin

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Other information

	Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation.
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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