

24 November 2021: This list supersedes all previous editions of the complete and supplementary BEIC lists.

LIST OF DEFRA APPROVED DISINFECTANTS EXCLUDING PHENOLICS

As at 24 November 2021

FOR USE ON LION APPROVED LAYING SITES

APPROVED BY

Department of Environment, Food & Rural Affairs (DEFRA)

(For the purposes of The Diseases of Animals (Approved Disinfectants) (England) Order 2007)

Extracted from the DEFRA list of proprietors and dilution rates as at 24 November 2021

The following table lists all of the disinfectants that **DO NOT** CONTAIN PHENOLS. The disinfectants that are listed have an approved dilution rate, for both General Orders (e.g. salmonella control) and for diseases of poultry. Any approved disinfectants that had no dilution rate shown for both of these two Orders have been excluded, as the following table is applicable to the poultry industry (or more specifically, the commercial egg industry) only.

The left column shows the category/type of disinfectant. This is not included in the DEFRA tables and whilst every effort has been made to ensure the accuracy of this column, this cannot be guaranteed.

IMPORTANT NOTES FOR LION APPROVED FARMS, WHERE EGGS FOR HUMAN CONSUMPTION ARE PRODUCED:

- ***Is the disinfectant that you use listed here? It should be. IF IT IS NOT LISTED, DO NOT USE IT.*** Either it may not be DEFRA approved or it is a phenolic disinfectant.
- This is a list of DEFRA approved disinfectants that are suitable for use **on farms that produce eggs for human consumption.**
- ***It is known that some phenolic disinfectants have caused detectable taints in eggs.*** Even the vapour from diluted phenolic disinfectants can taint eggs. In an egg, as little as 0.08 parts per billion of an ingredient that was likely to be in phenolic disinfectants can cause a taint that is detectable by 50% of the people eating it. Therefore ***phenolic disinfectants (even new generation ones) must not be used on Lion Approved egg laying sites, including those sites where egg laying forms only part of the poultry enterprise, e.g. rearing and laying on the same site.***
- **You should seek technical help on which are the best disinfectants for your use.**
- DO NOT STORE DISINFECTANTS, DETERGENTS OR ANY OTHER CHEMICALS NEAR TO EGGS OR EGG TRAYS.
- ***All chemicals, when not in use, must be stored in a locked chemical store that is well separated from egg handling areas.***

ADDITIONAL NOTES on the DEFRA list are:

- ***A dirty surface must be cleaned before it can be satisfactorily disinfected, because dirt may make the disinfectant useless.***
- ***Users are reminded that many of the products listed will contain hazardous chemicals and the COSHH regulations will apply.***
- ***Use all disinfectants according to the manufacturers' health and safety recommendations on the label and / or data sheet. Wear the recommended personal protective equipment.***
- ***Spraying disinfectants results in whole body exposure. Use the personal and respiratory protective equipment recommended by the supplier. Avoid exposing unprotected people (e.g. lorry drivers, bystanders etc.) to disinfectant spray.***
- ***Details of suppliers of approved products may be obtained directly from the proprietors.***

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Category /Type of Disinfectant	Disinfectant	Name & Address of Proprietors		Approved Dilution Rate	
				<i>Expressed as parts of water to one part disinfectant</i>	
				General Orders (e.g. for Salmonella control)	Diseases of Poultry Order
Chlorine	Agrichlor	Evans Vanodine Intrenational plc	Brierley Road, Walton Summit, Preston, Lancashire PR5 8AH	360*	490*
Chlorine	Agrichlor	Hydrachem Ltd	Unit 11, Gillmans Industrial Estate, Billingshurst, W Sussex RH14 9EZ	360*	490*
Peracetic Acid	Airocide PAAD	Airedale Chemical Company Ltd	Airedale Hills, Skipton Road, Cross Hills, Keighley, West Yorkshire BD20 7BX	145	145
Aldehyde / Quaternary Ammonium	Ambicide	Antec International Ltd	Windham Road, Chilton Industrial Estate, Sudbury CO10 2XD	5	30
Aldehyde	Animal Aids Coccidial Disinfectant	Animal Aids Ltd	Alfred's Way, Wincanton Business Park, Wincanton, Somerset BA9 9RU	50	100
Chlorine	Anigene NaDCC	Medimark Scientific Ltd	Unit 4 East Point, High Street, Seal, Sevenoaks Kent TN15 OEG	360 *	490*
Sodium Dichloroisocyanurate	Aquatabs 8.68g Water Purification Tablets	Medentec Ltd- group Kersia	Whitemill Industrial Estate, Clonard Road, Wexford, Ireland	299*	449*
Quaternary Ammonium	Avisafe	Vetafarm Europe Ltd	Unit 21/22 Spring Mill Industrial Estate, Avening Road, Nailsworth, Glos. GL6 0BS	2	10
Chlorine dioxide	AVPRO	International Water Solutions	Unit 1 Bates Industrial Estate, Church Road Romford Kent RM3 0HU	1	4

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Acid/ Phenol compound	Bi-OO-Cyst N.B. This can only be used when the hens are not present i.e. ONLY BETWEEN FLOCKS	BioLink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	50	125
Peracetic acid	Bio-Kill	BioLink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	160	180
Chlorine	BioKlor	BioLink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	360*	490*
Iodophor	Bimodex	Bimeda	Unit 2-4 Airton Close, Tallaght, Dublin 21, Ireland	49	100
Acid/ Phenol compound	BioPhen N.B. This can only be used when the hens are not present i.e. ONLY BETWEEN FLOCKS	BioLink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	10	15
Acid/ Phenol compound	BioPhen Xtra N.B. This can only be used when the hens are not present i.e. ONLY BETWEEN FLOCKS	Biolink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	40	90
Aldehyde Compound	Bio-Shield P	BioLink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	40	80
Chlorine	Bio Spot	Hydrachem Ltd	Unit 11 Gillmans Industrial Estate, Billingshurst, W Sussex RH14 9EZ	360*	490*
Peroxygen	Bio-VX	BioLink Ltd	1 Narvik Road, Sutton Fields Industrial Estate, Hull HU7 0AB	85*	200*
Peracetic acid	Blitz	Downland Marketing Ltd	Warwick Business Centre, Warwick Bridge, Carlisle, Cumbria CA1 8RR	256	145
Peracetic acid	Clenzar	Certis	1B Mills Way, Boscombe Down Business Park, Amesbury, Wiltshire, SP4 7RX	256	145
Peracetic Acid	Clinidox	GEA Farm Technologies (UK) Ltd	Wylie Works, Watery Lane, Bishopstrow, Warminster, Wiltshire, BA12 9HT	256	145
Chlorine	Credence 1000	Kiotechagil	Unit 5 Manton Wood Enterprise Park, Worksop, Nottinghamshire S80 2RS	299*	449*
Quaternary Ammonium	Creolin ECO Designed for domestic purposes and small scale production.	Coventry Chemicals Ltd	Woodhams Road, Siskin Drive, Coventry CV3 4FX	5	1

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Acid / Chlorine / Phenol compound	Cyclex N.B. This can only be used when the hens are not present i.e. ONLY BETWEEN FLOCKS	Kilco [International] Ltd group Kersia	Broomhouses 2 Industrial Estate Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	24	24
Peroxygen	D7 Part 1 & Part 2 Combined N. B. For use between flocks for: MISTING / FOGGING / SPRAYING	Deacon 7 Systems LLC Deacon 7 Uk Ltd	8541 East Anderson Drive, Suite 106, Scottsdale, Arizona, USA 85255 Unit 15, Sutton Industrial Park, Sea Road, Winchelsea Beach, Winchelsea, East Sussex TN36 4LZ	Use Undiluted	Use Undiluted
Chlorine	DIS-IN-FECT	AGMA Ltd	Gemini Works, Haltwhistle, Northumberland NE49 9HA	360*	490*
Peracetic Acid	D50	Cid Lines	Waterpoortstraat 2, 8900 IEPER Belgium (Sold in the UK)	256	145
Peracetic Acid	DOSAR HPPA	Kilco [International] Ltd	Broomhouses 2 Industrial Estate Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	145	145
Peracetic Acid	DOSAR Protect	Kilco [International] Ltd	Broomhouses 2 Industrial Estate Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	190	200
Quaternary Ammonium	Enviroclens	Bird Care	Unit 21 Spring Mill Industrial Estate, Nailsworth, Glos. GL6 0BS	2	10
Iodophor	FAM 30	Evans Vanodine International Ltd	Brierley Road, Walton Summit, Preston, Lancs. PR5 8AH	49	100
Iodophor	Farmsan	Holchem Laboratories Ltd	Gateway House, Pilsworth Road, Pilsworth Industrial Estate, Bury BR9 8RD	49	100
Aldehyde	GPC16	Evans Vanodine International plc	Brierley Road, Walton Summit, Preston, Lancs PR5 8AH	70	100
Chloramine	Halamid®	Axcentive SARL	Chemin de Champouse, 13320 Bouc Bel Air, France	300*	150*
Chloramine	Halamid®	Pharmaq Ltd	Unit 15 Sandleheath Industrial Estate, Fordingbridge, Hampshire SP6 1PA	300*	150*
Chloramine	Halamid®	Alliance Chemicals Ltd	Old Walls, Chapel Lane, Penselwood, Somerset BA9 8LY	300*	150*
Peroxygen	Horti-Clenz	Ecospray	Grange Farm, Hilborough, Thetford, Norfolk IP26 5BT	160	180
Peracetic acid	HPPA	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	190	200

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Aldehyde	Intercid	Interhygiene GmbH Hysolv Ltd	P Neufelder Strasse 30, 27472 Cuxhaven, Germany D-27472O Box 5961, Milton Keynes MK10 1HF	40	100
Peracetic acid	Inter Farm 500 (Organic)	Interhygiene GmbH Hysolv Ltd	PO Neufelder Strasse 30, 27472 Cuxhaven, Germany D-27472 Box 5961, Milton Keynes MK10 1HF	500	500
Acid / Chlorine / Phenol compound	Interkokask N.B. This can only be used when the hens are not present i.e. <u>ONLY BETWEEN FLOCKS</u>	Interhygiene GmbH Hysolv Ltd	Neufelder Strasse 30, 27472 Cuxhaven, Germany D-27472 Box 5961, Milton Keynes MK10 1HF	50	24
Acid / Chlorine / Phenol compound	Interkokask Concentrate N.B. This can only be used when the hens are not present i.e. <u>ONLY BETWEEN FLOCKS</u>	Interhygiene GmbH Hysolv Ltd	Neufelder Strasse 30, 27472 Cuxhaven, Germany D-27472 Box 5961, Milton Keynes MK10 1HF	50	50
Peracetic acid	Intersteril	Hysolv Ltd	PO Box 5961, Milton Keynes MK10 1HF	500	500
Aldehyde / Quaternary Ammonium.	Intra Multi-DES GA	Intracare BV	Voltaweg 4, 5466 AZ VEGHEL The Netherlands Marketed in the UK by: Quill Productions, Manor Farm, Pulham, Dorchester, Dorset DT2 7EE	49	66
Iodophor	Iodo-Pharm	East Riding Farm Services Ltd	Pexton House, Pexton Road, Kelleythorpe Driffield YO25 9DJ	50	99
Peracetic Acid	Jet 5	Certis	1B Mills Way, Boscombe Down Business Park, Amesbury, Wiltshire SP4 7RX	256	145
Broad spectrum Phenolic	KC5000 For control of coccidiosis. For use when the hens are not present i.e. <u>ONLY BETWEEN FLOCKS</u>	CID Lines NV (Available in the UK)	Waterpoortstraat 2, 8900 IEPER, Belgium	50	80
Peracetic acid	Kick-Start (2)	CID Lines (Available in the UK)	Waterpoortstraat 2, 8900 IEPER, Belgium	256	145

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Phenol / Aldehyde / Quaternary Ammonium.	Kilcox Extra N.B. This can only be used when the hens are not present i.e. ONLY BETWEEN FLOCKS	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	50	100
Quaternary Ammonium	Kilcox Microkil	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, DG11 2SD	10	12
Peracetic acid	Kleanline	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, DG11 2SD	190	200
Peroxygen Powder	MS Megades Kiemkill	Schippers Europe B.V.	Smaragdweg 60, 5527 LB Hapert, Netherlands Available from Schippers UK, Unit 37, Bakewell Business Park, Culley Court, Orton Southgate, Peterborough, Cambridgeshire, PE2 6WA	49	199
Aldehyde/ Quaternary Ammonium	MS Megades Novo	Schippers Europe B.V.	Smaragdweg 60, 5527 LB Hapert, Netherlands Available from Schippers UK, Unit 37, Bakewell Business Park, Culley Court, Orton Southgate, Peterborough, Cambridgeshire, PE2 6WA	49	99
Peroxygen	MS Megades Oxy D	Schippers Europe B.V.	Smaragdweg 60, 5527 LB Hapert, Netherlands Available from Schippers UK, Unit 37, Bakewell Business Park, Culley Court, Orton Southgate, Peterborough, Cambridgeshire, PE2 6WA	124	74
Peroxygen Powder	Neogen Viroxide Super	Quat-Chem Ltd	1-4 Sandfield Industrial Park, Dodgson Street, Rochdale, Lancashire OL16 5SJ	100*	200*
Iodophor	Novagen FP	Industrial & Veterinary Hygiene	PO Box 265, Newyownards, Bangor, Northern Ireland BT23 9DS	30	50
Chlorine	Omnichlor Plus	Coventry Chemicals Ltd	Woodhams Road, Siskin Drive, Coventry CV3 4FX	360*	490*
Aldehyde	Omnipharm	East Riding Farm Services Ltd	Pexton House, Pexton Road, Kelleythorpe, Driffield YO25 9DJ	25	100
Chlorine dioxide	Oxiflo Mist For misting at turnaround times	Oxiflo Ltd	Office M, 11-17 Fowler Road, Hainault Business Park, Ilford, Essex IG6 3UJ	1	4
Peracetic acid	Oxsan	R S Hygiene Ltd	The Street, Worlington, Suffolk IP28 8RX	256	145

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Quaternary Ammonium Designed for domestic purposes and small-scale production.	a) Pearson's Black Disinfectant b) Pearson's Black Fluid c) Pearson's Professional Black Fluid d) Pearson's Trade Black Fluid	Coventry Chemicals Ltd	Woodhams Road, Siskin Drive, Coventry CV3 4FX	5	1
Peracetic Acid	Peraguard Plus	Quat-Chem Ltd	1-4 Sandfield Industrial Park, Dodgson Street, Rochdale Lancashire OL16 5SJ	145	145
Peracetic acid	Perapharm	East Riding Farm Services Ltd	Pexton House, Pexton Road, Kelleythorpe, Driffield YO25 9DJ	190	200
Peracetic Acid	Perapro	Quat-Chem Ltd	1-4 Sandfield Industrial Park, Dodgson Street, Rochdale Lancashire OL16 5SJ	145	145
Peracetic Acid	Perasol	Bowden & Knights	Unit 6. Dolphin Business Park. Shadwell, Thetford, Norfolk IP24 2RY	190	200
Peracetic acid	Perbac Agri	Holchem Laboratories Ltd group KERSIA	Gateway House, Pilsworth Road, Pilsworth Industrial Estate, Bury BR9 8LD	145	145
Peracetic acid	Perbac Farm	Holchem Laboratories Ltd group KERSIA	Gateway House, Pilsworth Road, Pilsworth Industrial Estate, Bury BR9 8LD	256	145
Peroxygen	Peroxy Disinfectant	Evans Vanodine International plc	Brierley Road, Walton Summit, Preston, Lancs PR5 8AH	100*	200*
Calcium oxide	Poultry Care (for use on the range area)	Bolshaw Industrial Powders	Harrop House, Rainow, Macclesfield, Cheshire SK10 5UU	100*	200*
Quaternary Ammonium	Poultry Safe	AgriSafe Ltd	The Studio, Longlands Road, Windemere, Cumbria LA23 1DL <i>For Red Mite & control of some viruses and bacteria. Care should be taken to check that the Lavender odour does not taint eggs.</i>	9	9
Quaternary Ammonium	Premier	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	10	12
Peracetic acid	Proxitane AHC (2)	Solvay Interrox Ltd	Baronet Road, Warrington, Cheshire, WA4 6HA	256	145

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BAC80	Quinticare +	Shor-Line Ltd	Units 39A, Vale Business Park, Llandow, Vale of Glamorgan, Cowbridge, S. Wales	2	10
BAC80	Safe 4 Odourless Disinfectant	Safe Solutions (Safe 4) Ltd	Wharton Green, Bostock Road, Winsford, Cheshire CW7 3BD	2	10
Calcium oxide	Saniblanco ® D (for use on the range area)	Bolshaw Industrial Powders	Harrop House, Rainow, Macclesfield, Cheshire SK10 5UU	100*	200*
Calcium oxide	Saniblanco ® D (for use on the range area)	Lhoist UK	Hindlow, Buxton, Derbyshire SK17 0EL	100*	200*
Chlorine	Sanitab	Amity International	Libra House, West Street, Worsborough Dale, Barnsley, S Yorkshire S70 5PG	360*	490*
Troclosene Sodium + acid	Septriwet 17 (Tablets to be added to water)	Medentech Ltd group, Kersia	Whitemill Industrial Estate, Clonard Road, Wexford. Ireland	299*	449*
Peracetic Acid / Peroxygen	Sorgene Xtra	BASF Plc	P O Box 4, Earl Road, Cheadle Hulme, Cheadle, Cheshire SK8 4QG	256	145
Aldehyde	Supercide Extra	AFS Animal Care Ltd	Highlands House, Unit 4C, Stephenson Way, Thetford, Norfolk, IP24 3RH	25	100
Aldehyde	Superkill Max	AFS Animal Care Ltd	Highlands House, Unit 4C, Stephenson Way, Thetford, Norfolk, IP24 3RH	10	50
Peracetic acid	Superperacetic Max	AFS Animal Care Ltd	Highlands House, Unit 4C, Stephenson Way, Thetford, Norfolk, IP24 3RH	190	200
Iodophor	Tibicur	Rumenco Ltd	Stretton House, Derby Road, Burton on Trent, Staffordshire DE14 0DW	30	50
Iodophor	Total Farm Disinfectant	Downland Marketing Ltd	Warwick Business Centre, Warwick Bridge, Carlisle, Cumbria CA1 8RR	49	100
Iodophor	V18	Evans Vanodine International Ltd	Brierley Road, Walton Summit, Preston, PR5 8AH	49	100
Peracetic acid	Vandox Formula	Evans Vanodine International Ltd	Brierley Road, Walton Summit, Preston, PR5 8AH	256	145
Acid Compound including phenols	Virkon ® LSP This can only be used when the hens are not present i.e. <u>ONLY BETWEEN FLOCKS</u>	Antec International Ltd	Windham Road, Chilton Industrial Estate, Sudbury CO10 2DX	50	150
Peroxygen	Virkon® H20 (Disinfecting Water lines for Terminal Cleaning)	Antec International Ltd	Windham Road, Chilton Industrial Estate, Sudbury Suffolk CO10 2XD	100 *	200 *

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Peroxygen	Virkon Professional	Antec International Ltd	Windham Road, Chilton Industrial Estate, Sudbury CO10 2DX	50* Note changed dilution rate	150* Note changed dilution rate
Peroxygen	Virkon S	Antec International Ltd	Windham Road, Chilton Industrial Estate, Sudbury CO10 2DX	50* Note changed dilution rate	150* Note changed dilution rate
Chlorine	Virochlor 500	Kilco (International) Ltd	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	360*	490*
Quaternary Ammonium/ Aldehyde	Virocid	CID Lines	Waterpoorstraat, 2, 8900 Ieper. Belgium	33	60
Quaternary Ammonium/ Aldehyde	Virocid	CID Lines UK	Melton Mowbray, Leicestershire, LE13 9AB	33	60
Aldehyde / Quaternary Ammonium	Virocid F	CID Lines NV	Waterpoortstraat 2, 8900 IEPER Belgium	29	120
Peroxygen Powder	Virocur	Rumenco Ltd	Stretton House, Derby Road, Burton on Trent, Staffordshire DE14 0DW	85	200
Aldehyde	Viroguard	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	10	50
Peroxygen	Virol Plus	Evans Vanodine International Plc	Brierley Road, Walton Summit, Preston, PR5 8AH	100	200
Iodophor	Virophor 2.8%	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	50	99
Aldehyde	Viroshield	Kilco (International) Ltd – group Kersia	Broomhouses 2 Industrial Estate, Old Glasgow Road, Lockerbie, Dumfries & Galloway DG11 2SD	25	100
Peroxygen	Virucidal WP (Dissolvable Powder)	Mirius (Coventry Chemicals Ltd)	Woodhams Road Siskin Drive, Coventry CV3 4FX	50*	200*
Iodophor	Virudine Plus	Antec International Limited	Windham Road, Chilton Industrial Estate, Sudbury, Suffolk CO10 2XD	49	100
Quaternary Ammonium	Virquat 300	Quat-Chem Ltd	1-4 Sandfield Industrial Estate, Dodgson Street, Rochdale, Lancashire OL16 SSJ	50	100
Peroxygen	WP20	Coventry Chemicals Ltd	Wood hams Road, Siskin Drive, Coventry CV3 4FX	256	145

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Peracetic acid	Zal Perax (2)	Diversey Ltd	Cotes Park Industrial Estate, Sommercotes, Alfreton, Derbyshire DE55 4PA	256	145
Also for domestic use, so check for scents	Zoono Z-71 Microbe Shield, Animal Protect (Disinfectant spray for surfaces)	Zoono Holdings Ltd	Unit 15 Bunting Road Bury St Edmunds, Suffolk IP32 7BX	Use undiluted	Use undiluted

N.B. * = **The number of millilitres to one gram of disinfectant.**

All other disinfectants are measured as: Number of Parts of Water to One Part of Disinfectant

Every effort has been made to make this document as accurate as possible. However, the BEIC can not guarantee the accuracy of the information. If any disinfectants have been inaccurately described or unintentionally omitted, a supplementary list will be sent out by the BEIC following a request to do so. Likewise, if it can be shown that a non-phenolic product has been approved as being suitable by DEFRA but awaits the publication of a revised list by them, this can be added to the BEIC supplementary list.