

# Summary of product characteristics for a biocidal product

**Product name:** EuLA hydra-lime 23

**Product type(s):** PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

PT03 - Veterinary hygiene (Disinfectants)

PT03 - Veterinary hygiene (Disinfectants)

PT03 - Veterinary hygiene (Disinfectants)

PT03 - Veterinary hygiene (Disinfectants)

**Authorisation number:** EU-0028954-0000

**R4BP 3 asset reference number:** EU-0028954-0000

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## Administrative information

### 1.1. Trade names of the product

EuLA hydra-lime 23

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	European Lime Association aisbl
	Address	c/o IMA-Europe aisbl, Rue des Deux Eglises 26 box 2 B-1000 Brussels Belgium
<b>Authorisation number</b>		EU-0028954-0000
<b>R4BP 3 asset reference number</b>		EU-0028954-0000
<b>Date of the authorisation</b>		25/12/2023
<b>Expiry date of the authorisation</b>		30/11/2033

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Cal Industrial SL
<b>Address of the manufacturer</b>	Pedro I, 19-21 31 007 Pamplona Spain
<b>Location of manufacturing sites</b>	Pedro I, 19-21 31 007 Pamplona Spain
<b>Name of the manufacturer</b>	Calera de Alzo, S. L.
<b>Address of the manufacturer</b>	Postal number: 20.268, Egileor auzoa, 101 - Altzo (Guipúzcoa) Spain
<b>Location of manufacturing sites</b>	Egileor auzoa, 101 - Altzo (Guipúzcoa) Spain

<b>Name of the manufacturer</b>	Caleras de San Cucao, S.A.
<b>Address of the manufacturer</b>	Agüera s/n 33425 San Cucao de Llanera Spain
<b>Location of manufacturing sites</b>	Agüera s/n 33425 San Cucao de Llanera Spain

<b>Name of the manufacturer</b>	Cales Pascual S.L.
<b>Address of the manufacturer</b>	C/ Cura Bau, 15. 46112 Valencia Spain
<b>Location of manufacturing sites</b>	Ctra. Valencia-Ademuz, KM 9.3. Paterna - Valencia Spain

<b>Name of the manufacturer</b>	CalGov
<b>Address of the manufacturer</b>	Carretera Fuente, Apartado 2 41 560 Estepa Spain
<b>Location of manufacturing sites</b>	Carretera Fuente, Apartado 2 41 560 Estepa Spain

<b>Name of the manufacturer</b>	Carmeuse Chaux
<b>Address of the manufacturer</b>	215 route d'Arras 62320 Bois Bernard France
<b>Location of manufacturing sites</b>	215 route d'Arras 62320 Bois Bernard France

<b>Name of the manufacturer</b>	Carmeuse Czech Republic s.r.o.
<b>Address of the manufacturer</b>	Mokrá 359 664 04 Mokrá Czech Republic
<b>Location of manufacturing sites</b>	závod Vápenka Mokrá, Mokrá 359 664 04 Mokrá Czech Republic

<b>Name of the manufacturer</b>	Carmeuse Holding Srl
<b>Address of the manufacturer</b>	Str.Carierei Nr.127A 500047 Brasov Romania
<b>Location of manufacturing sites</b>	Str Principala 1, 337457 Com. Soimus, Romania. Valea Mare Pravat 117805 Campulung Romania

<b>Name of the manufacturer</b>	Carmeuse Hungaria kft
<b>Address of the manufacturer</b>	HRSZ 064/1 7827 Beremend Hungary
<b>Location of manufacturing sites</b>	HRSZ 064/1 7827 Beremend Hungary

<b>Name of the manufacturer</b>	Carmeuse Nederland BV
<b>Address of the manufacturer</b>	Nijverheidsstraat 32 2802 AL Gouda Netherlands
<b>Location of manufacturing sites</b>	Nijverheidsstraat 32 2802 AL Gouda Netherlands

<b>Name of the manufacturer</b>	Carmeuse SA
<b>Address of the manufacturer</b>	Rue du Château 13a 5300 Seilles Belgium
<b>Location of manufacturing sites</b>	Rue du Val Notre Dame 300 4520 Moha Belgium
	Rue du Château 13a 5300 Seilles Belgium

<b>Name of the manufacturer</b>	Carmeuse Slovakia s.r.o.
<b>Address of the manufacturer</b>	Slavec 049 11 Slavec Slovakia
<b>Location of manufacturing sites</b>	závod Vápenka Slavec, Slavec 179 049 11 Slavec Slovakia

<b>Name of the manufacturer</b>	Carrières et Chaux Balthazard et Cotte
<b>Address of the manufacturer</b>	Rue du Pra Paris 38 360 Sassenage France
<b>Location of manufacturing sites</b>	Rue du Pra Paris 38 360 Sassenage France

<b>Name of the manufacturer</b>	Carrières et fours à chaux de Dugny
<b>Address of the manufacturer</b>	B.P.1 55 100 DugnysurMeuse France
<b>Location of manufacturing sites</b>	B.P.1 55 100 DugnysurMeuse France

<b>Name of the manufacturer</b>	Cementos Tudela Veguín, S.A.U.
<b>Address of the manufacturer</b>	CL Argüelles 25 33003 Oviedo, Asturias Spain
<b>Location of manufacturing sites</b>	CL Tino Casal, s/n. 33910 Tudela Veguín, Asturias Spain

<b>Name of the manufacturer</b>	Chaux de Boran
<b>Address of the manufacturer</b>	Route de Boran 60 640 PrécysurOise France
<b>Location of manufacturing sites</b>	Route de Boran 60 640 PrécysurOise France

<b>Name of the manufacturer</b>	Chaux de Bretagne
<b>Address of the manufacturer</b>	- 53600 Evron France
<b>Location of manufacturing sites</b>	- 53600 Evron France

<b>Name of the manufacturer</b>	Chaux de la Tour
<b>Address of the manufacturer</b>	1 chemin des Chaux de la Tour 13 820 Ensues La Redonne France
<b>Location of manufacturing sites</b>	1 chemin des Chaux de la Tour 13 820 Ensues La Redonne France

<b>Name of the manufacturer</b>	Clogrennane Lime LTD
<b>Address of the manufacturer</b>	Clogrennane R93 EV26 Carlow Ireland
<b>Location of manufacturing sites</b>	Clogrennane R93 EV26 Carlow Ireland

<b>Name of the manufacturer</b>	Dumont-Wautier
<b>Address of the manufacturer</b>	Rue la Mallieue, 95 B-4470 Saint-Georges-sur-Meuse Belgium
<b>Location of manufacturing sites</b>	Rue la Mallieue, 95 B-4470 Saint-Georges-sur-Meuse Belgium

<b>Name of the manufacturer</b>	Etablissement Leon Lhoist
<b>Address of the manufacturer</b>	Usine de On-Jemelle 6900 Marche-en-Famenne Belgium
<b>Location of manufacturing sites</b>	Usine de On-Jemelle 6900 Marche-en-Famenne Belgium

<b>Name of the manufacturer</b>	Européenne des Chaux et Liants
<b>Address of the manufacturer</b>	2745 route du Bugey, CS22015 38307 Bourgoin-Jallieu France
<b>Location of manufacturing sites</b>	Usine de Duin 38460 TREPT France

<b>Name of the manufacturer</b>	Lhoist Central Europe / Lhoist Česká republika a Slovensko Vápenka Čertovy schody a.s
<b>Address of the manufacturer</b>	Tmaň 200 267 21 Tmaň Czech Republic
<b>Location of manufacturing sites</b>	Tmaň 200 267 21 Tmaň Czech Republic

<b>Name of the manufacturer</b>	Lhoist Faxe Kalk A/S
<b>Address of the manufacturer</b>	Hovedgaden 13 4654 Faxe Ladeplads Denmark
<b>Location of manufacturing sites</b>	Gl. Strandvej 14 4640 Faxe Denmark

<b>Name of the manufacturer</b>	Lhoist France Ouest
<b>Address of the manufacturer</b>	15 rue Henri Dagallier 38 100 Grenoble France
<b>Location of manufacturing sites</b>	15 rue Henri Dagallier 38 100 Grenoble France

<b>Name of the manufacturer</b>	Lusical
<b>Address of the manufacturer</b>	Valverde 2025201 Alcanede Portugal
<b>Location of manufacturing sites</b>	Valverde 2025201 Alcanede Portugal

<b>Name of the manufacturer</b>	Nordkalk AB
<b>Address of the manufacturer</b>	Box 901 SE-731 29 Köping Sweden
<b>Location of manufacturing sites</b>	Nordkalk AB, Köping, Kungsängsvägen 22 SE-731 36 Köping Sweden
	Nordkalk AB, Landskrona, Verkstadsgatan SE-261 35 Landskrona Sweden
	Nordkalk AB, Luleå, Viktoriavägen 5 SE-974 37 Luleå Sweden

<b>Name of the manufacturer</b>	Nordkalk Oy Ab
<b>Address of the manufacturer</b>	Skräbbölevägen 18 21600 Pargas Finland
<b>Location of manufacturing sites</b>	Nordkalk Oy Ab, Louhi, Louhi Fi-57100 Savonlinna Finland
	Nordkalk Oy Ab, Tytyri, Tytyrinkatu 7 Fi-08100 Lohja Finland

<b>Name of the manufacturer</b>	Singleton Birch
<b>Address of the manufacturer</b>	Melton Ross Quarries, Barnetby DN38 6AE N Lincolnshire United Kingdom
<b>Location of manufacturing sites</b>	Melton Ross Quarries, Barnetby DN38 6AE N Lincolnshire United Kingdom



<b>Name of the manufacturer</b>	SMA Mineral AB
<b>Address of the manufacturer</b>	- SE-682 27 Filipstad Sweden
<b>Location of manufacturing sites</b>	Luleå Lime Plant, C/O SSAB Europe SE-971 88 Luleå Sweden
	Boda Lime Plant, Kärvsåsen Kalkverksvägen 15 SE-795 96 Boda kyrkby Sweden
	Rättvik lime plant, Kalkvagen 7 SE-795 32 RÄTTVIK Sweden
	SSAB Industriområde, Kalkverket SE-613 80 Oxelösund Sweden
	Mo Industripark, Verkstedsøypa NO-8626 Mo i Rana Norway

<b>Name of the manufacturer</b>	SMA Mineral Burgas Var LTD
<b>Address of the manufacturer</b>	dis. Pobeda, Chataldzha str. No52 8002 Burgas Bulgaria
<b>Location of manufacturing sites</b>	dis. Pobeda, Chataldzha str. No52 8002 Burgas Bulgaria

<b>Name of the manufacturer</b>	SMA Mineral Oy
<b>Address of the manufacturer</b>	- 95450 Torino Finland
<b>Location of manufacturing sites</b>	SMA Mineral Oy, Röyttä Lime Plant, Selleenkatu 281 95450 Torino Finland

<b>Name of the manufacturer</b>	Tarmac, Lime and Powders
<b>Address of the manufacturer</b>	Tunstead House, Wormhill, Buxton SK17 8TG Derbyshire United Kingdom
<b>Location of manufacturing sites</b>	Tunstead House, Wormhill, Buxton SK17 8TG Derbyshire United Kingdom

<b>Name of the manufacturer</b>	Unicalce S.p.A
<b>Address of the manufacturer</b>	Via Tonio da Belleo, 30 I-23900 Lecco (LC) Italy
<b>Location of manufacturing sites</b>	Via Ponti, 18 I-24012 Val Brembilla (BG) Italy
	Via Lisso, 12 I-24010 Sedrina (BG) Italy
	Strada Amerina Località S.Pellegrino I-05035 Narni (TR) Italy
	Via Di S.Vincenzo 21 I-57021 Campiglia Marittima (LI) Italy
	S.S.Appia km 134 I-04020 Itri (LT) Italy
	Contrada Lupini – C.P.33 I-74019 Palagiano (TA) Italy

<b>Name of the manufacturer</b>	Wiiertsdorfer & Peggauer Zementwerke GmbH
<b>Address of the manufacturer</b>	Wiiertsdorf 1 9373 Klein St. Paul Austria
<b>Location of manufacturing sites</b>	Alois-Kern-StraÙe 1 8120 Peggau Austria

<b>Name of the manufacturer</b>	Zakłady Wapiennicze Lhoist S.A.
<b>Address of the manufacturer</b>	ul. Wapiennicza 7 46-050 Tarnów Opolski Poland
<b>Location of manufacturing sites</b>	ul. Fabryczna 22 47-316 GóraÙdÙe Poland
	ul. Bolesława Chrobrego 77B 59-550 Wojcieszów Poland

<b>Name of the manufacturer</b>	Zement- und Kalkwerke Otterbein GmbH & Co. KG
<b>Address of the manufacturer</b>	Hauptstrasse 50 36137 Grossenlueder-Mues Germany
<b>Location of manufacturing sites</b>	Georg-Otterbein-Strasse 123 36137 Grossenlueder-Mues Germany

<b>Name of the manufacturer</b>	SMA Mineral AS
<b>Address of the manufacturer</b>	Postbox 500 NO-8601 Mo I Rana Norway
<b>Location of manufacturing sites</b>	Mo Industripark, Verkstedesøypa NO-8626 Mo i Rana Norway

#### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Cal Industrial SL
<b>Address of the manufacturer</b>	Pedro I 19-21 31 007 Pamplona Spain
<b>Location of manufacturing sites</b>	Pedro I 19-21 31 007 Pamplona Spain

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Calera de Alzo, S. L.
<b>Address of the manufacturer</b>	20.268, Egileor auzoa 101 Altzo (Guipúzcoa) Spain
<b>Location of manufacturing sites</b>	Egileor auzoa 101 Altzo (Guipúzcoa) Spain

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Caleras de San Cucao, S.A.
<b>Address of the manufacturer</b>	Agüera s/n 33425 San Cucao de Llanera Spain
<b>Location of manufacturing sites</b>	Agüera s/n 33425 San Cucao de Llanera Spain

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Cales Pascual S.L.
<b>Address of the manufacturer</b>	C/ Cura Bau, 15. 46112 Valencia Spain
<b>Location of manufacturing sites</b>	Ctra. Valencia-Ademuz, , KM 9.3. - Paterna Spain

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	CalGov
<b>Address of the manufacturer</b>	Carretera Fuente, Apartado 2 41 560 Estepa Spain
<b>Location of manufacturing sites</b>	Carretera Fuente, Apartado 2 41 560 Estepa, Spain

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse Chaux
<b>Address of the manufacturer</b>	215 route d'Arras 62320 Bois Bernard France
<b>Location of manufacturing sites</b>	215 route d'Arras 62320 Bois Bernard France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse Czech Republic s.r.o.
<b>Address of the manufacturer</b>	Mokrá 359 664 04 Mokrá Czech Republic
<b>Location of manufacturing sites</b>	závod Vápenka Mokrá, Mokrá 359 664 04 Mokrá Czech Republic

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse Holding Srl
<b>Address of the manufacturer</b>	Str.Carierei Nr.127A 500047 Brasov Romania
<b>Location of manufacturing sites</b>	Str Principala 1 337457 Com. Soimus Romania
	Valea Mare Pravat 117805 Campulung Romania

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse Hungaria kft
<b>Address of the manufacturer</b>	HRSZ 064/1 7827 Beremend Hungary
<b>Location of manufacturing sites</b>	HRSZ 064/1 7827 Beremend Hungary

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse Nederland BV
<b>Address of the manufacturer</b>	Nijverheidsstraat 32 2802 AL Gouda Netherlands
<b>Location of manufacturing sites</b>	Nijverheidsstraat 32 2802 AL Gouda Netherlands

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse SA
<b>Address of the manufacturer</b>	Rue du Château 13a 5300 Seilles Belgium
<b>Location of manufacturing sites</b>	Rue du Val Notre Dame 300 4520 Moha Belgium
	Rue du Château 13a 5300 Seilles Belgium

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carmeuse Slovakia s.r.o
<b>Address of the manufacturer</b>	Slavec 049 11 Slavec Slovakia
<b>Location of manufacturing sites</b>	závod Vápenka Slavec 179, 04911 Slavec Slovakia

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carrières et Chaux Balthazard et Cotte
<b>Address of the manufacturer</b>	Rue du Pra Paris 38 360 Sassenage France
<b>Location of manufacturing sites</b>	Rue du Pra Paris 38 360 Sassenage France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Carrières et fours à chaux de Dugny
<b>Address of the manufacturer</b>	B.P.1 55 100 DugnysurMeuse France
<b>Location of manufacturing sites</b>	B.P.1 55 100 DugnysurMeuse France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Cementos Tudela Veguín, S.A.U.
<b>Address of the manufacturer</b>	CL Argüelles 25. 33003 Oviedo, Asturias Spain
<b>Location of manufacturing sites</b>	CL Tino Casal, s/n. 33910 Tudela Veguín, Asturias Spain

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Chaux de Boran
<b>Address of the manufacturer</b>	Route de Boran 60 640 PrécysurOise France
<b>Location of manufacturing sites</b>	Route de Boran 60 640 PrécysurOise France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Chaux de Bretagne
<b>Address of the manufacturer</b>	- 53 600 Evron France
<b>Location of manufacturing sites</b>	- 53 600 Evron France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Chaux de la Tour
<b>Address of the manufacturer</b>	1 chemin des Chaux de la Tour 13 820 Ensues La Redonne France
<b>Location of manufacturing sites</b>	1 chemin des Chaux de la Tour 13 820 Ensues La Redonne France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Clogrennane Lime LTD
<b>Address of the manufacturer</b>	Clogrennane R93 EV26 Carlow Ireland
<b>Location of manufacturing sites</b>	Clogrennane R93 EV26 Carlow Ireland

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Dumont-Wautier
<b>Address of the manufacturer</b>	Rue la Mallieue, 95 B-4470 Saint-Georges-sur-Meuse Belgium
<b>Location of manufacturing sites</b>	Rue la Mallieue, 95 B-4470 Saint-Georges-sur-Meuse Belgium

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Etablissement Leon Lhoist
<b>Address of the manufacturer</b>	Usine de On-Jemelle 6900 Marche-en-Famenne Belgium
<b>Location of manufacturing sites</b>	Usine de On-Jemelle 6900 Marche-en-Famenne Belgium

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Européenne des Chaux et Liants
<b>Address of the manufacturer</b>	2745 route du Bugey, CS22015 38307 Bourgoin-Jallieu France
<b>Location of manufacturing sites</b>	Usine de Duin 38460 TREPT France

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Lhoist France Ouest
<b>Address of the manufacturer</b>	15 rue Henri Dagallier 38 100 Grenoble Czech Republic
<b>Location of manufacturing sites</b>	15 rue Henri Dagallier 38 100 Grenoble Czech Republic

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Lusical
<b>Address of the manufacturer</b>	Valverde 2025201 Alcanede Portugal
<b>Location of manufacturing sites</b>	Valverde 2025201 Alcanede Portugal

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Nordkalk AB
<b>Address of the manufacturer</b>	Box 901 SE-731 29 Köping Sweden
<b>Location of manufacturing sites</b>	Nordkalk AB, Köping, Kungsängsvägen 22 SE-731 36 Köping Sweden
	Nordkalk AB, Landskrona, Verkstadsgatan SE-261 35 Landskrona Sweden
	Nordkalk AB, Luleå, Viktoriavägen 5 SE-974 37 Luleå Sweden



<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Nordkalk Oy Ab
<b>Address of the manufacturer</b>	Skräbbölevägen 18 21600 Pargas Finland
<b>Location of manufacturing sites</b>	Nordkalk Oy Ab, Louhi, Louhi Fi-57100 Savonlinna Finland
	Nordkalk Oy Ab, Tytyri, Tytyrinkatu 7 Fi-08100 Lohja Finland

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Singleton Birch
<b>Address of the manufacturer</b>	Melton Ross Quarries, Barnetby DN38 6AE N.Lincolnshire United Kingdom
<b>Location of manufacturing sites</b>	Melton Ross Quarries, Barnetby DN38 6AE N.Lincolnshire United Kingdom

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	SMA Mineral AB
<b>Address of the manufacturer</b>	- SE-682 27 Filipstad Sweden
<b>Location of manufacturing sites</b>	Luleå Lime Plant, C/O SSAB Europe SE-971 88 Luleå Sweden
	Boda Lime Plant, Kärvsåsen Kalkverksvägen 15 SE-795 96 Boda kyrkby Sweden
	Rättvik lime plant, Kalkvagen 7 SE-795 32 RÄTTVIK Sweden
	SSAB Industriområde, Kalkverket SE-613 80 Oxelösund Sweden
	Mo Industripark, Verkstedsøyra NO-8626 Mo i Rana Norway

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	SMA Mineral Burgas Var LTD
<b>Address of the manufacturer</b>	Chataldzha str. No52 8002 Burgas, dis. Pobeda Bulgaria
<b>Location of manufacturing sites</b>	Chataldzha str. No52 8002 Burgas, dis. Pobeda Bulgaria

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	SMA Mineral Oy
<b>Address of the manufacturer</b>	- 95450 Torino Finland
<b>Location of manufacturing sites</b>	SMA Mineral Oy, Röyttä Lime Plant, Selleenkatu 281 95450 Torino Finland

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Unicalce S.p.A
<b>Address of the manufacturer</b>	Via Tonio da Belleo, 30 I-23900 Lecco (LC) Italy
<b>Location of manufacturing sites</b>	Via Ponti, 18 I-24012 Val Brembilla (BG) Italy
	Via Lisso, 12 I-24010 Sedrina (BG) Italy
	Strada Amerina Località S.Pellegrino I-05035 Narni (TR) Italy
	Via Di S.Vincenzo 21 I-57021 Campiglia Marittima (LI) Italy
	S.S.Appia km 134 I-04020 Itri (LT) Italy
	Contrada Lupini – C.P.33 I-74019 Palagiano (TA) Italy

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Wiietersdorfer & Peggauer Zementwerke GmbH
<b>Address of the manufacturer</b>	Wiietersdorf 1 9373 Klein St. Paul Austria
<b>Location of manufacturing sites</b>	Alois-Kern-Straße 1 8120 Peggau Austria

<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Zakłady Wapiennicze Lhoist S.A.
<b>Address of the manufacturer</b>	ul. Wapiennicza 7 46-050 Tarnów Opolski Poland
<b>Location of manufacturing sites</b>	ul. Fabryczna 22 47-316 Góraźdże Poland
	ul. Bolesława Chrobrego 77B 59-550 Wojcieszów Poland
<b>Active substance</b>	1255 - Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime
<b>Name of the manufacturer</b>	Zement- und Kalkwerke Otterbein GmbH & Co. KG
<b>Address of the manufacturer</b>	Hauptstrasse 50 36137 Grossenlueder-Mues Germany
<b>Location of manufacturing sites</b>	Georg-Otterbein-Strasse 123 36137 Grossenlueder-Mues, Germany

## 2. Product composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Calcium dihydroxide/calcium hydroxide/caustic lime/hydrated lime/slaked lime		Active Substance	1305-62-0	215-137-3	100

### 2.2. Type of formulation

DP - Dustable powder WP - Wettable powder (only for use for disinfection of animal accommodations; limewashing of walls)

## 3. Hazard and precautionary statements

### Hazard statements

**Precautionary statements**

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.
Avoid breathing dust. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection and face protection. IF ON SKIN:Wash with plenty of water. Specific treatment (see instructions on this label). If skin irritation occurs:Get medical advice. Take off contaminated clothing.And wash it before reuse. IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/physician. IF INHALED:Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Store in a well-ventilated place.Keep container tightly closed. Store locked up. Dispose of container to accordance with local regulations.

**4. Authorised use(s)**

**4.1 Use description**

**Use 1 - Disinfection of sewage sludge**

**Product type**

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name: Bacteria  
Common name: Bacteria  
Development stage: -  
  
Scientific name: Endoparasites  
Common name: Helminth eggs

	Development stage: -
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Automatic direct application Detailed description: The product is dosed into the sewage sludge and mixed by means of a blender. The dry product is mixed with the sewage sludge in an open mixer. The product shall be loaded by fully automated processes.
<b>Application rate(s) and frequencies</b>	Application Rate: 0,2 – 2 kg product / kg dry weight of substrate; typical dry solids content - 12-25 % in sewage sludge. The application rate must be sufficient to maintain a pH > 12 during the contact time. Dilution (%): - Ready-to-use (RTU) product Number and timing of application: Contact time: 24 hours to 90 days for endoparasites (helminth eggs) - the specific contact time depends on several parameters (e.g. temperature, content of dry matter, etc.). Preliminary laboratory tests must be performed to guarantee efficacy.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Bulk powder Big bags or sacks (with Polypropylene (PP) or polyethylene (PE) inner layer): 500 - 1000 kg

#### 4.1.1 Use-specific instructions for use

- The dose must be sufficient to maintain a pH > 12 during the contact time.  
- Application rate: 0,2 – 2 kg product / kg dry weight of substrate; typical dry solids content - 12-25% in sewage sludge.  
The ratios may vary between applications and treatment plant designs. The user should ensure that the treatment is effective through preliminary laboratory tests that guarantee efficacy according to the legislation applicable to each case.

#### 4.1.2 Use-specific risk mitigation measures

- The loading of the product into the treatment unit and the application must be done fully automatically. The loading into the treatment unit and the disposal of empty bags and sacs must be performed using a telehandler (including a closed cabin).  
- During the loading of the product and the disposal of empty bags, wear:

- respiratory protective equipment (RPE) of at least assigned protection factor (APF) 40 (airtight face piece covering eyes, nose, mouth and chin according to European Standard (EN) 149 with a P3 filter or equivalent);
- chemical resistant gloves classified under EN 374 or equivalent (glove material to be specified by the authorisation holder within the product information);
- protective coverall in accordance with EN 13982 or equivalent (coverall material to be specified by the authorisation holder within the product information).

- During the treatment of sewage sludge, the wearing of air-fed or canister RPE specific for ammonia gas in accordance with EN 14387 or equivalent, is recommended in the absence of collective management measures to estimate and prevent an exposure greater than the EU occupational exposure limit value (OEL) of 14 mg/m<sup>3</sup> for that gas.
- During the manual handling of treated sewage sludge wear protective gloves in accordance with EN 374 or equivalent and protective coverall in accordance with EN 14126 or equivalent protecting against the intrinsic properties of the sewage sludge.
- The provisions on personal protective equipment are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.
- See section 6 for the full titles of the EN standards and legislation
- The cleaning of the unit treatment must be avoided or performed with an automated process with no exposure of the professional.

**4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

-

**4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

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**4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

-

**4.2 Use description**

**Use 2 - Disinfection of manure**

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name: Bacteria  
Common name: Bacteria  
Development stage:

Scientific name: Viruses  
Common name: Viruses  
Development stage:

Scientific name: Endoparasites  
Common name: Helminth eggs  
Development stage:

**Field(s) of use**

Indoor

<b>Application method(s)</b>	Method: Automatic direct application Detailed description: The product is mixed with the manure. The product is dosed into the manure and mixed by means of a blender. The product should be loaded by fully automated processes.
<b>Application rate(s) and frequencies</b>	Application Rate: - Dilution (%): - RTU product Number and timing of application: The application rate must be sufficient to maintain a pH > 12 during the contact time. Contact time: 72 hours to 90 days for endoparasites (helminth eggs) - the specific contact time depends on several parameters (e.g. temperature, content of dry matter, etc.). Preliminary laboratory tests must be performed to guarantee efficacy.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Bulk powder Big bags or sacks (with PP or PE inner layer): 500 - 1000 kg

#### 4.2.1 Use-specific instructions for use

- The dose must be sufficient to maintain a pH > 12 during the contact time.
- Do not apply more than 100 kg product/ m<sup>3</sup> of manure
- After the necessary contact time, remove the treated manure from the animal house. Use of the treated manure according to local legislation.

#### 4.2.2 Use-specific risk mitigation measures

- The loading of the product into the treatment unit and the application must be done fully automatically.
- The loading into the treatment unit and the disposal of empty bags and sacks must be performed using a telehandler (including a closed cabin).
- During the loading of the product and the disposal of empty bags, wear:
  - chemical resistant gloves in accordance with EN 374 or equivalent (glove material to be specified by the authorisation holder within the product information);
  - a protective coverall in accordance with EN 13982 or equivalent (coverall material to be specified by the authorisation holder within the product information);
  - RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to EN 149 with a P3 filter or equivalent).
- During the treatment of manure, the wearing of air-fed or canister RPE specific for ammonia gas in accordance with EN 14387 or equivalent, is recommended in the absence of collective management measures to estimate and prevent an exposure greater than the EU occupational exposure limit value (OEL) of 14 mg/m<sup>3</sup> for that gas.
- During the manual handling of treated manure wear protective gloves in accordance with EN 374 or equivalent and protection coverall in accordance with EN 14126 or equivalent protecting against the intrinsic properties of the manure.
- The provisions on personal protective equipment are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.
- See section 6 for the full titles of the EN standards and legislation.
- The cleaning of the unit treatment must be avoided or performed with an automated process with no exposure of the professional.
- Do not apply the product if releases from animal housings or manure/slurry storage areas can be directed to a sewage treatment plant or directly to surface water.

**4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

-

**4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

-

**4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

-

**4.3 Use description**

**Use 3 - Disinfection of indoor floor surfaces of animal accomodations and transportation**

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Bacteria Common name: Bacteria Development stage: -  Scientific name: Yeast Common name: Yeasts Development stage: -  Scientific name: Fungi Common name: Fungi Development stage: -  Scientific name: viruses Common name: Viruses Development stage: -
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Direct application Detailed description: The product is spread directly onto the floors of animal accommodations using manual or automated techniques. Manual spreading using a shovel or semi-automated using a low-impact spreader.



**Application rate(s) and frequencies**

Application Rate: 800 g product / m<sup>2</sup>  
Dilution (%): - RTU product  
Number and timing of application:  
Frequency in animal housing: before each production cycle.  
Frequency in animal transportation: after each animal transport.  
Contact time: 48 hours

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Bulk powder  
Big bags or sacks (with PP or PE inner layer): 500 - 1000 kg  
Paper sacks (with PP or PE inner layer): 25 kg

**4.3.1 Use-specific instructions for use**

The product is spread directly onto the floors of animal accommodations and transportation, using manual or automated techniques. Manual spreading using a shovel or semi-automated using a low-impact spreader.

**A. On concrete floors:**

1. Wash the surface with running water;
2. Sprinkle 800 g of product per m<sup>2</sup> to cover the damp ground and add 0,9 litre/m<sup>2</sup> of water;
3. Leave to act for at least 48 hours;
4. After treatment, remove the lime by brushing.

**B. On beaten-earth floors:**

1. Brush and wet the surface;
2. Sprinkle 800 g of product per m<sup>2</sup> on the damp ground and add 0,9 litre/m<sup>2</sup> of water;
3. Leave to act for at least 48 hours.
4. After treatment, remove the lime by brushing.

**4.3.2 Use-specific risk mitigation measures**

- During the loading, the application of the product and the disposal of empty bags and sacs, wear:

- RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to EN 149 with a P3 filter or equivalent);
- chemical resistant gloves in accordance with EN 374 or equivalent (glove material to be specified by the authorisation holder within the product information);
- protective coverall in accordance with EN 13982 or equivalent (coverall material to be specified by the authorisation holder within the product information).

- For the use of big bags (500-1000 kg), the loading of the product and the disposal of empty bags must be performed fully automatically using a telehandler (including a closed cabin).

- During the loading of small bags (25 kg), thoroughly empty out the bag in order to minimise the remaining powder.

- For the disposal of small empty bags, moisten the bag and fold it carefully in order to avoid any spills.

- During the disposal of the product after the application, wear :

- RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to EN 149 with a P3 filter or equivalent);
- chemical resistant gloves in accordance with EN 374 or equivalent (glove material to be specified by the authorisation holder within the product information);
- protective coverall in accordance with EN 13982 or equivalent (coverall material to be specified by the authorisation holder

within the product information).

The provisions on personal protective equipment are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

- See section 6 for the full titles of the EN standards and legislation.
- Animals shall not be present during all the treatment duration.
- Remove residues of the product on the ground by thorough sweeping before re-entry of animals.
- Feed and drinking water must be carefully covered or removed during the application of the product.
- Do not apply the product if releases from animal housings, manure/slurry storage areas, or animal transportation disinfection areas can be directed to a sewage treatment plant or directly to surface water.

#### 4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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#### 4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

After treatment, remove the lime by brushing. Collect the resulting dry waste and recycle them as agricultural liming material or dispose the dry waste according to local requirements.  
For animal transportation use only: after brushing and the required contact time, rinse and clean the vehicle.

#### 4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

-

### 4.4 Use description

#### Use 4 - Disinfection of animal accommodations; limewashing of walls

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

**Where relevant, an exact description of the authorised use**

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**Target organism(s) (including development stage)**

Scientific name: Bacteria  
Common name: Bacteria  
Development stage: -

Scientific name: Yeast  
Common name: Yeasts  
Development stage: -

Scientific name: Fungi  
Common name: Fungi  
Development stage: -

Scientific name: Viruses  
Common name: Viruses  
Development stage: -

**Field(s) of use**

<b>Application method(s)</b>	<p>Indoor</p> <hr/> <p>Method: Direct application with a brush Detailed description:</p> <p>-</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 800 g product / m<sup>2</sup> Dilution (%): - Number and timing of application: The product is suspended in water (50% w/v) prior to its application by brushing on the walls. Contact time: 48 hours Frequency: before each production cycle</p>
<b>Category(ies) of users</b>	<p>Professional</p>
<b>Pack sizes and packaging material</b>	<p>Bulk powder Big bags or sacks (with PP or PE inner layer): 500 - 1000 kg</p>

#### 4.4.1 Use-specific instructions for use

<p>For one layer: Application method for 150 to 200 m<sup>2</sup> of wall (depending on the porosity of the wall):</p> <ol style="list-style-type: none"> <li>1. Clean the surface with running water before the application of the product.</li> <li>2. Introduce 25 kg of product into 50 litres of water;</li> <li>3. Let the mixture rest for 12 hours;</li> <li>4. Mix the resulting mixture and brush onto the wall;</li> <li>5. Leave to act for at least 48 hours</li> </ol> <p>The application rate is 125-167 g product / m<sup>2</sup> for a single layer. A final application rate of 800 g product / m<sup>2</sup> is required, therefore 5-7 coats should be applied, depending on the porosity of the wall. Stir before and during application. The product must be first fully automatically transferred to a medium lower volume tank. Then, the product is manually loaded from the medium tank to a bucket.</p>
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#### 4.4.2 Use-specific risk mitigation measures

<p>- During the loading of the product and the disposal of empty bags and sacs, wear:</p> <ul style="list-style-type: none"> <li>• chemical resistant gloves in accordance with EN 374 or equivalent (glove material to be specified by the authorisation holder)</li> </ul>
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within the product information);

- protective coverall in accordance with EN 13982 (coverall material to be specified by the authorisation holder within the product information);
- RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to EN 149 with a P3 filter or equivalent).

- During the application of the product on the walls, wear:

- chemical resistant gloves in accordance with EN 374 (glove material to be specified by the authorisation holder within the product information);
- protective coverall in accordance with EN 13034 (coverall material to be specified by the authorisation holder within the product information);
- RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to EN 149 with a P1 filter or equivalent).

- The provisions on personal protective equipment are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

- See section 6 for the full titles of the EN standards and legislation.

- The loading of the product and the disposal of empty bags and sacs must be performed fully automatically using a telehandler (including a closed cabin).

- Minimise splashes and spills during application.

- Do not let bystanders (including co-workers and children) touch treated surfaces until completely dry.

- Do not apply the product if releases from animal housings or manure/slurry storage areas can be directed to a sewage treatment plant or directly to surface water.

- Animals shall not be present during all the treatment duration.

- Do not let animal re-enter the accommodations before complete drying of surfaces.

- Feed and drinking water must be carefully covered or removed during the application of the product.

**4.4.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

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**4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

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**4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

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**4.5 Use description**

**Use 5 - Disinfection of floors of outdoor animal enclosures**

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

**Where relevant, an exact description of the authorised use**

-

<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Bacteria Common name: Bacteria Development stage: -</p> <p>Scientific name: Yeast Common name: Yeasts Development stage: -</p> <p>Scientific name: Fungi Common name: Fungi Development stage: -</p> <p>Scientific name: Viruses Common name: Viruses Development stage: -</p>
<b>Field(s) of use</b>	Outdoor
<b>Application method(s)</b>	<p>Method: Direct application Detailed description: The product is spread directly onto the surfaces (floors) of animal enclosures using manual or automated techniques. Manual spreading using a shovel or semi-automated using a low-impact spreader.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 800 g product /m<sup>2</sup> Dilution (%): - RTU product Number and timing of application: Contact time 48 hours Frequency: maximum two applications per year.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p>Bulk powder Big bags or sacks (with PP or PE inner layer): 500 - 1000 kg Paper sacks (with PP or PE inner layer): 25 kg</p>

#### 4.5.1 Use-specific instructions for use

- Brush and wet the floor before the application of the product.
- At the beginning of a production cycle, spread 800 g product /m<sup>2</sup> of the product onto the ground and then add 0,9 litre/m<sup>2</sup> of water.
- Leave to act for at least 48 hours before bringing animals in the treated area.
- For outdoor uses of the product, do not apply in the case of wind or rain.

#### 4.5.2 Use-specific risk mitigation measures

- During the loading, the application of the product and the disposal of empty bags and sacs, wear:
  - RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to NF EN 149 with a P3 filter or equivalent);
  - chemical resistant gloves in accordance with EN 374 or equivalent (glove material to be specified by the authorisation holder within the product information);
  - protective coverall in accordance with EN 13982 (coverall material to be specified by the authorisation holder within the product information).
- For the use of big bags (500-1000 kg), the loading of the product and the disposal of empty bags must be performed fully automatically using a telehandler (including a closed cabin).
- During the loading of small bags (25 kg), thoroughly empty out the bags in order to minimise the remaining powder.
- For the disposal of small empty bags, moisten the bag and fold it carefully in order to avoid any spills.
- During the disposal of the product after the application, wear:
  - RPE of at least APF 40 (airtight face piece covering eyes, nose, mouth and chin according to NF EN 149 with a P3 filter or equivalent);
  - chemical resistant gloves in accordance with EN 374 or equivalent (glove material to be specified by the authorisation holder within the product information);
  - protective coverall in accordance with EN 13982 (coverall material to be specified by the authorisation holder within the product information).
- The provisions on personal protective equipment are without prejudice to the application of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.
- See section 6 for the full titles of the EN standards and legislation.
- Do not exceed two applications per year.
- Animals shall not be present during all the treatment duration.
- Remove residues of the product on the ground by thorough brushing before re-entry of animals.
- Feed and drinking water must be carefully covered or removed during the application of the product.

#### 4.5.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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#### 4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

- After treatment, remove the lime by brushing. Collect the resulting dry waste and recycle them as agriculture liming material or dispose the dry waste according to local requirements.

#### 4.5.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

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### 5. General directions for use

## 5.1. Instructions for use

- Comply with the instructions for use.
- Respect the conditions of use of the product.
- Refer to hygiene plan in place in order to ensure that necessary efficacy level is achieved.
- For outdoor use of the product, do not apply in the case of wind or rain.

## 5.2. Risk mitigation measures

- Do not let bystanders (including co-workers and children) and pets enter the treatment area during the entire treatment duration (including the loading, the application of the product, the disposal of empty bags and sacs, the agreed contact time and the subsequent removal of the product and its residues from the ground).
- Use only in a well-ventilated area.

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.
- IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.
- IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTER or a doctor.
- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and ease to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance. Information to healthcare personnel/doctor: the eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemical (pH > 11), amines and acids like acetic acid, formic acid or propionic acid.

## 5.4. Instructions for safe disposal of the product and its packaging

- Do not discharge unused product on the ground, into water courses, into pipes (e.g. of sinks, toilets) or down the drains.
- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

- Do not store at a temperature above 30°C.
- Protect from humidity.
- Shelf-life: 15 months.

## 6. Other information

Full titles of EN standards and legislation referred to in sections 4.1.2 - 4.5.2:

EN 149 - Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking;

EN 374 - EN ISO 374-1: 2018: Protective gloves against dangerous chemicals and micro-organisms. Part 1: terminology and performance requirements for chemical risks;

EN 13982 - Protective clothing for use against solid particulates - Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates;

EN 14387 - EN 14387:2021: Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking;

EN 14126 - BS EN 14126: 2003 - Protective clothing. Performance requirements and tests methods for protective clothing against infective agent;

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11.