

SAFETY DATA SHEET

Superconcentrate Protector F1 Box

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

1.1 Product identifier	
Product name	: Superconcentrate Protector F1 Box
Product code	: 56700
Product description	: Not available.
Product type	: Liquid.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Restricted to professional users.

Material uses 1.3 Details of the supplier of th	: Water treatment agent. e safety data sheet
Supplier	: Fernox 2 Genesis Business Park Albert Drive Sheerwater Woking GU21 5RW
Information contact	: +44 (0) 330 100 7750 +44 (0) 330 100 7751 europeanregulatory@macdermid.com
1.4 Emergency telephone num	ber

<u>Supplier</u>		
Telephone number	:	+44 (0) 330 100 7750
Hours of operation	:	24/7

SECTION 2: Hazards identification

2.1 Classification of the subs	stance or mixture
Product definition	: Mixture
Classification according to Aquatic Chronic 3, H412	Regulation (EC) No. 1272/2008 [CLP/GHS]
Ingredients of unknown toxicity	:
Ingredients of unknown ecotoxicity	:
Classification according to	Directive 1999/45/EC [DPD]
<u>Europe</u>	

Date of issue/Date of revision : 30.11.2016

2/21

Superconcentrate Protector F1 Box

SECTION 2: Hazards identification

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

:
: No signal word.
: Harmful to aquatic life with long lasting effects.
: Avoid release to the environment.
: Not applicable.
: Not applicable.
: Dispose of contents and container in accordance with all local, regional, national and international regulations.
:
: Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards

Other hazards which do : None known. not result in classification

SECTION 3: Composition/information on ingredients

			Classification		
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
urope					
enzotriazole	REACH #: 01-2119979079-20 EC: 202-394-1	≥3 - <5	Xn; R22 Xi; R36	Acute Tox. 4, H302 Eye Irrit. 2, H319	[1]
	CAS: 95-14-7		R52/53	Aquatic Chronic 2, H411	
			See Section 16 for the full text of the R- phrases declared above.	See Section 16 for the full text of the H statements declared above.	
Austria					
,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102-71-6	≥25 - <50	Not classified.	Not classified.	[2]
Nolybdate (MoO42-), odium, hydrate (1:2: ?), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7 CAS: 10102-40-6	≥5 - <10	Not classified.	Not classified.	[2]
penzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Belgium					

Superconcentrate Protector F1 Box

SECTION 3: Composition/information on ingredients

2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Bulgaria					
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7 CAS: 10102-40-6	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Croatia					
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
propane-1,2-diol	EC: 202-394-1 CAS: 95-14-7 REACH #: 01-2119456809-23 EC: 200-338-0	≥1 - <3	Xi; R36 R52/53 Not classified.	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Not classified.	-
	CAS: 57-55-6				
Czech Republic					101
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102-71-6	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7 CAS: 10102-40-6	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Denmark					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102 71 6	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	

Superconcentrate Protector F1 Box

SECTION 3: Composition/information on ingredients

Estonia					
2',2''-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
penzotriazole	CAS: 10102-40-6 REACH #:	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	01-2119979079-20 EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Finland					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
France					
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
_	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Germany					
venzotriazole	REACH #: 01-2119979079-20 EC: 202-394-1	≥3 - <5	Xn; R22 Xi; R36	Acute Tox. 4, H302 Eye Irrit. 2, H319	[1]
Greece	CAS: 95-14-7		R52/53	Aquatic Chronic 2, H411	
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7 CAS: 10102-40-6	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Hungary					
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7 CAS: 10102-40-6	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
test sea d	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Ireland			1		1

Superconcentrate Protector F1 Box

SECTION 3: Composition/information on ingredients

2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
propane-1,2-diol	EC: 202-394-1 CAS: 95-14-7 REACH #: 01-2119456809-23 EC: 200-338-0 CAS: 57-55-6	≥1 - <3	Xi; R36 R52/53 Not classified.	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Not classified.	[2]
Italy					
penzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Latvia					
sébacic acid	REACH #: 01-2119519212-52 EC: 203-845-5	≥10 - <25	Not classified.	Not classified.	[2]
benzotriazole	CAS: 111-20-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1] [2]
propane-1,2-diol	EC: 202-394-1 CAS: 95-14-7 REACH #: 01-2119456809-23 EC: 200-338-0 CAS: 57-55-6	≥1 - <3	Xi; R36 R52/53 Not classified.	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Not classified.	[2]
Lithuania					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
sebacic acid	CAS: 102-71-6 REACH #: 01-2119519212-52 EC: 203-845-5	≥10 - <25	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 111-20-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
propane-1,2-diol	EC: 202-394-1 CAS: 95-14-7 REACH #: 01-2119456809-23 EC: 200-338-0 CAS: 57-55-6	≥1 - <3	Xi; R36 R52/53 Not classified.	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Not classified.	[2]
Netherlands					
penzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	

A MacDermid Performance Solutions Business A Platform Specialty Products Company

Superconcentrate Protector F1 Box

SECTION 3: Composition/information on ingredients

Norway					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #:	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
propane-1,2-diol	01-2119979079-20 EC: 202-394-1 CAS: 95-14-7 REACH #: 01-2119456809-23 EC: 200-338-0 CAS: 57-55-6	≥1 - <3	Xi; R36 R52/53 Not classified.	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Not classified.	[2]
Poland					
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Portugal					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Romania					
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7 CAS: 10102-40-6	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Slovakia					
Molybdate (MoO42-),	REACH #:	≥5 -	Not classified.	Not classified.	[2]
sodium, hydrate (1:2: 2), (T-4)-	01-2119489495-21 EC: 231-551-7	<10			
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20 EC: 202-394-1	≥3 - <5	Xn; R22 Xi; R36	Acute Tox. 4, H302 Eye Irrit. 2, H319	[1]
	CAS: 95-14-7		R52/53	Aquatic Chronic 2, H411	
Slovenia					
				Dermid Performance Solutions Bus	

Superconcentrate Protector F1 Box

SECTION 3: Composition/information on ingredients

2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	CAS: 102-71-6 REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Spain					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102-71-6	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Sweden					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102-71-6	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Switzerland					
2,2',2"-nitrilotriethanol	REACH #: 01-2119486482-31 EC: 203-049-8 CAS: 102-71-6	≥25 - <50	Not classified.	Not classified.	[2]
Molybdate (MoO42-), sodium, hydrate (1:2: 2), (T-4)-	REACH #: 01-2119489495-21 EC: 231-551-7	≥5 - <10	Not classified.	Not classified.	[2]
benzotriazole	CAS: 10102-40-6 REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Turkey					
penzotriazole	REACH #: 01-2119979079-20	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
	EC: 202-394-1 CAS: 95-14-7		Xi; R36 R52/53	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
United Kingdom (UK)					
	evision : 30.11.2016		4 Mac	Dermid Performance Solutions Bus	iness .

Superconcentrate Protector F1 Box

SECTION 3: Composition/information on ingredients

Molybdate (MoO42-),	REACH #:	≥5 -	Not classified.	Not classified.	[2]
sodium, hydrate (1:2:	01-2119489495-21	<10			
2), (T-4)-	EC: 231-551-7				
	CAS: 10102-40-6				
benzotriazole	REACH #:	≥3 - <5	Xn; R22	Acute Tox. 4, H302	[1]
0	01-2119979079-20				
	EC: 202-394-1		Xi; R36	Eye Irrit. 2, H319	
	CAS: 95-14-7		R52/53	Aquatic Chronic 2,	
				H411	
propane-1,2-diol	REACH #:	≥1 - <3	Not classified.	Not classified.	[2]
	01-2119456809-23				
	EC: 200-338-0				
	CAS: 57-55-6				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

SECTION 4: First aid measures

4.1 Description of first aid n	neasures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effe	ects
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.

Superconcentrate Protector F1 Box

Superconcentrate Protector	F1 B0X 5/21
SECTION 4: First aid	measures
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/symp	toms
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.
4.3 Indication of any immedi	ate medical attention and special treatment needed
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
SECTION 5: Firefigh	ting measures
5.1 Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
5.2 Special hazards arising f	rom the substance or mixture
Hazards from the substance or mixture	In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
5.3 Advice for firefighters	
Special precautions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SECTION 6: Acciden	tal release measures
6.1 Personal precautions, pr	otective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. But an appropriate personal protective equipment.

		inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Superconcentrate Protector F1 Box

SECTION 6: Accidental release measures

6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
6.3 Methods and material fo	r containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.	
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.	
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 6 to 30°C (42.8 to 86°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed unti ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.	
7.3 Specific end use(s) Recommendations Industrial sector specific solutions	Not available.Not available.	

Superconcentrate Protector F1 Box

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Europe	
No exposure limit value known.	
Austria	
₽,2',2''-nitrilotriethanol	GKV_MAK (Austria, 12/2011). Skin sensitiser. PEAK: 10 mg/m ³ , 4 times per shift, 15 minutes. Form: inhalable fraction PEAK: 1.6 ppm, 4 times per shift, 15 minutes. Form: inhalable fraction TWA: 5 mg/m ³ 8 hours. Form: inhalable fraction
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	TWA: 0.8 ppm 8 hours. Form: inhalable fraction GKV_MAK (Austria, 12/2011). PEAK: 10 mg/m ³ , (measured as Mo), 4 times per shift, 15 minutes. Form: inhalable fraction TWA: 5 mg/m ³ , (measured as Mo) 8 hours. Form: inhalable fraction
Belgium	
2,2',2"-nitrilotriethanol	Lijst Grenswaarden / Valeurs Limites (Belgium, 4/2014). TWA: 5 mg/m ³ 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	Lijst Grenswaarden / Valeurs Limites (Belgium, 4/2014). TWA: 0.5 mg/m³, (as Mo) 8 hours. Form: respirable fraction
Bulgaria	
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	България Министерство на труда и социалната политика и Министерството на здравеопазването (Bulgaria, 1/2012). Limit value 8 hours: 5 mg/m³, (as Molybdenum) 8 hours.
Croatia	
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	MinGoRP GVI/KGVI (Croatia, 6/2013). ELV: 5 mg/m ³ , (as Mo) 8 hours. STELV: 10 mg/m ³ , (as Mo) 15 minutes.
propane-1,2-diol	MinGoRP GVI/KGVI (Croatia, 6/2013). ELV: 10 mg/m ³ 8 hours. Form: particulates ELV: 474 mg/m ³ 8 hours. Form: total vapour and particulates ELV: 150 ppm 8 hours.
Czech Republic	
2,2',2"-nitrilotriethanol	MZCR PEL/NPK-P (Czech Republic, 1/2013). Absorbed through skin. STEL: 10 mg/m ³ 15 minutes. STEL: 1.64 ppm 15 minutes. TWA: 5 mg/m ³ 8 hours. TWA: 0.82 ppm 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	MZCR PEL/NPK-P (Czech Republic, 1/2013). TWA: 5 mg/m ³ , (as Mo) 8 hours. STEL: 25 mg/m ³ , (as Mo) 15 minutes.
Denmark	
2,2',2"-nitrilotriethanol	Arbejdstilsynet (Denmark, 10/2012). TWA: 3.1 mg/m ³ 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	TWA: 0.5 ppm 8 hours. Arbejdstilsynet (Denmark, 10/2012). TWA: 5 mg/m ³ , (calculated as Mo) 8 hours.
Estonia	

Superconcentrate Protector F1 Box

SECTION 8: Exposure controls/personal protection			
2,2',2"-nitrilotriethanol		Töökeskkonna keemiliste ohutegurite piirnormid määrus nr	
		293 (Estonia, 1/2008). Skin sensitiser. STEL: 10 mg/m³ 15 minutes.	
		TWA: 5 mg/m ³ 8 hours.	
Molybdate (MoO42-), sodium,	hydrate (1:2:2),	Töökeskkonna keemiliste ohutegurite piirnormid määrus nr	
(T-4)-		293 (Estonia, 1/2008). TWA: 5 mg/m ³ 8 hours. Form: respirable dust	
		TWA: 5 mg/m ³ 8 hours.	
		TWA: 10 mg/m ³ 8 hours. Form: total dust	
Finland			
2,2',2"-nitrilotriethanol		Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 3/2014).	
		TWA: 5 mg/m ³ 8 hours.	
Molybdate (MoO42-), sodium,	hydrate (1:2:2),	Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland,	
(T-4)-		3/2014). TWA: 0.5 mg/m ³ , (calculated as Mo) 8 hours.	
France			
Molybdate (MoO42-), sodium,	hvdrate (1:2:2),	Ministère du travail (France, 7/2012). Notes: Ministry of Labour	
(T-4)-		(Brochure INRS Ed 984, July 2012). Indicative exposure limits	
		TWA: 5 mg/m³, (as Mo) 8 hours. STEL: 10 mg/m³, (as Mo) 15 minutes.	
Germany		STEL. TO HIGHT, (as MO) TO HINDLES.	
No exposure limit value known			
Greece	-		
Molybdate (MoO42-), sodium,	hvdrate (1:2:2).	Υπουργείο Εργασίας και Κοινωνικών Υποθέσεων (Greece, 2/	
(T-4)-	, , , , , , , , , , , , , , , , , , ,	2012).	
		TWA: 5 mg/m³, (as Mo) 8 hours.	
Molybdate (MoO42-), sodium, (T-4)-	nydrate (1:2:2),	25/2000. (IX. 30.) EüM-SzCsM együttes rendelet (Hungary, 12/2011).	
		TWA: 5 mg/m³, (as Mo) 8 hours.	
		PEAK: 20 mg/m³, (as Mo) 15 minutes.	
2,2',2"-nitrilotriethanol		NAOSH (Ireland, 12/2011). OELV-8hr: 5 mg/m ³ 8 hours.	
Molybdate (MoO42-), sodium,	hydrate (1:2:2),	NAOSH (Ireland, 12/2011).	
(T-4)-		OELV-8hr: 10 mg/m ³ , (as Mo) 8 hours. Form: Inhalable fraction	
propane-1,2-diol		OELV-8hr: 0.5 mg/m ³ , (as Mo) 8 hours. Form: respirable fraction NAOSH (Ireland, 12/2011).	
F. F		OELV-8hr: 10 mg/m ³ 8 hours. Form: particulate	
		OELV-8hr: 470 mg/m ³ 8 hours. Form: vapour and particulates OELV-8hr: 150 ppm 8 hours. Form: vapour and particulates	
Italy		OELV-onit. 150 ppm o nouis. Form, vapour and particulates	
No exposure limit value known			
Latvia			
sebacic acid		Ministru kabineta - AER (Latvia, 2/2011).	
		TWA: 4 mg/m ³ 8 hours.	
benzotriazole		Ministru kabineta - AER (Latvia, 2/2011). TWA: 5 mg/m ³ 8 hours.	
propane-1,2-diol		Ministru kabineta - AER (Latvia, 2/2011).	
		TWA: 7 mg/m ³ 8 hours.	
Lithuania			

Superconcentrate Protector F1 Box

10/01	
1-2/21	
10/21	

SECTION 8: Exposure controls/personal protection

• •	•
2,2',2"-nitrilotriethanol	Lietuvos Higienos Normos HN 23 (Lithuania, 10/2007). Skin sensitiser. STEL: 10 mg/m ³ 15 minutes.
sebacic acid	TWA: 5 mg/m ³ 8 hours. Lietuvos Higienos Normos HN 23 (Lithuania, 10/2007). TWA: 4 mg/m ³ 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	Lietuvos Higienos Normos HN 23 (Lithuania, 10/2007). TWA: 5 mg/m ³ 8 hours.
propane-1,2-diol	Lietuvos Higienos Normos HN 23 (Lithuania, 10/2007). TWA: 7 mg/m ³ 8 hours.
Netherlands	
No exposure limit value known.	
Norway	
2,2',2"-nitrilotriethanol	FOR-2011-12-06-1358 (Norway, 1/2013). TWA: 5 mg/m ³ 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2),	FOR-2011-12-06-1358 (Norway, 1/2013).
(T-4)-	TWA: 5 mg/m ³ , (calculated as Mo) 8 hours.
propane-1,2-diol	FOR-2011-12-06-1358 (Norway, 1/2013). TWA: 79 mg/m ³ 8 hours.
	TWA: 25 ppm 8 hours.
Poland	
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	Rozporzadzenie Ministra Pracy i Polityki Spolecznej (Dz.U. 2014 poz. 817) (Poland, 6/2014).
	TWA: 4 mg/m ³ , (calculated as Mo) 8 hours.
	STEL: 10 mg/m ³ , (calculated as Mo) 15 minutes.
Portugal	
2,2',2"-nitrilotriethanol	Instituto Português da Qualidade (Portugal, 3/2007). TWA: 5 mg/m ³ 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	Instituto Português da Qualidade (Portugal, 3/2007). TWA: 0.5 mg/m ³ , (expressed as Mo) 8 hours. Form: respirable fraction
Romania	
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	HG 1218/2006 cu modificările și completările ulterioare (Romania, 1/2012). VLA: 2 mg/m ³ 8 hours. Short term: 65 mg/m ³ 15 minutes.
Slovakia	
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	Nariadenie vlády SR c. 355/2006 (Slovakia, 12/2011). TWA: 5 mg/m ³ , (Molybdenum and its soluble compounds, as Mo)
Slovenia	8 hours.
Slovenia 2,2',2"-nitrilotriethanol	Pravilnik o varovanju delavcev pred tveganji zaradi
	izpostavljenosti kemičnim snovem pri delu (Slovenia, 12/2010).
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-	TWA: 5 mg/m ³ 8 hours. Form: inhalable fraction Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Slovenia, 12/2010). TWA: 5 mg/m ³ , (measured as Mo) 8 hours. Form: inhalable fraction KTV: 20 mg/m ³ , (measured as Mo), 4 times per shift, 15 minutes. Form: inhalable fraction
Spain	
2,2',2"-nitrilotriethanol	INSHT (Spain, 1/2014). TWA: 5 mg/m ³ 8 hours.
Molybdate (MoO42-), sodium, hydrate (1:2:2),	INSHT (Spain, 1/2014).
(T-4)-	TWA: 0.5 mg/m ³ , (as Mo) 8 hours. Form: respirable fraction
Sweden	

Superconcentrate Protector F1 Box

	_
14/21	

SECTION 8: Exposure controls/personal protection			
 2,2',2"-nitrilotriethanol Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)- Switzerland 		AFS 2011:18 (Sweden, 12/2011). Absorbed through skin.STEL: 10 mg/m³ 15 minutes.TWA: 5 mg/m³ 8 hours.STEL: 1.6 ppm 15 minutes.TWA: 0.8 ppm 8 hours.AFS 2011:18 (Sweden, 12/2011).TWA: 5 mg/m³, (as Mo) 8 hours. Form: total dust	
2 ,2',2"-nitrilotriethanol		SUVA (Switzerland, 1/2014).	
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)-		STEL: 20 mg/m ³ 15 minutes. Form: Inhalable dust (total dust) TWA: 5 mg/m ³ 8 hours. Form: Inhalable dust (total dust) SUVA (Switzerland, 1/2014). TWA: 5 mg/m ³ , (calculated as Mo) 8 hours. Form: Inhalable dust (total dust)	
Turkey			
No exposure limit value known.			
United Kingdom (UK)			
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T-4)- propane-1,2-diol		 EH40/2005 WELs (United Kingdom (UK), 12/2011). STEL: 10 mg/m³, (as Mo) 15 minutes. TWA: 5 mg/m³, (as Mo) 8 hours. EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m³ 8 hours. Form: Particulate TWA: 474 mg/m³ 8 hours. Form: Sum of vapour and particulates TWA: 150 ppm 8 hours. Form: Sum of vapour and particulates 	
procedures atmosphere or of the ventilatio protective equip the following: E the assessmen limit values and atmospheres - of exposure to o (Workplace atm for the measure		ontains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness in or other control measures and/or the necessity to use respiratory oment. Reference should be made to monitoring standards, such as European Standard EN 689 (Workplace atmospheres - Guidance for t of exposure by inhalation to chemical agents for comparison with measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 nospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be	
Derived effect levels			
No DELs available.			
Predicted effect concentration	<u>s</u>		
No PECs available.			
8.2 Exposure controls	-		
Appropriate engineering controls: Good general v contaminants.		ventilation should be sufficient to control worker exposure to airborne	
Individual protection measures			
before eating, s Appropriate teo Wash contamir		orearms and face thoroughly after handling chemical products, smoking and using the lavatory and at the end of the working period. chniques should be used to remove potentially contaminated clothing. nated clothing before reusing. Ensure that eyewash stations and are close to the workstation location.	

Superconcentrate Protector F1 Box

15/21

SECTION 8: Exposure controls/personal protection

	• •
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Recommended: safety glasses with side-shields
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. < 1 hour (breakthrough time): disposable vinyl
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: overall
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: None assigned.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<u>Appearance</u>		
Physical state	1	Liquid.
Colour	:	Yellow.
Odour	1	Fromatic. [Slight]
рН	1	8.2
Melting point/freezing point	1	Not available.
Initial boiling point and boiling range	:	Not available.
Flash point	1	Not available.
Upper/lower flammability or explosive limits	1	Not available.
Relative density	1	1.168
Solubility(ies)	1	Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	:	Not available.
Auto-ignition temperature	1	Not available.
	:	
VOC content		2.9 % (w/w)

9.2 Other information

Superconcentrate Protector F1 Box

SECTION 9: Physical and chemical properties

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	:	The product is stable.
10.3 Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	:	No specific data.
10.5 Incompatible materials	:	No specific data.
10.6 Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
penzotriazole	LD50 Oral	Rat	560 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

Route	ATE value
Øral	14131.4 mg/kg

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
penzotriazole	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
Conclusion/Summary	: Not available.				
<u>Sensitiser</u>					
Conclusion/Summary	: Not available.				
Mutagenicity					
Conclusion/Summary	: Not available.				
Carcinogenicity					
Conclusion/Summary	: Not available.				
Reproductive toxicity					
Conclusion/Summary	: Not available.				
Teratogenicity					
Conclusion/Summary	: Not available.				
Specific target organ toxicit	<u>y (single exposure)</u>				
Not available.					
Specific target organ toxicit Not available.	<u>y (repeated exposure)</u>				
Aspiration hazard					

17/21

Superconcentrate Protector F1 Box

NI / II II	
Not available.	
Information on likely routes of exposure	: Not available.
Potential acute health effec	<u>ts</u>
Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Eye contact	: No known significant effects or critical hazards.
Symptoms related to the ph	ysical, chemical and toxicological characteristics
Inhalation	: No specific data.
Ingestion	: No specific data.
Skin contact	: No specific data.
Eye contact	: No specific data.
Delayed and immediate effe	ects as well as chronic effects from short and long-term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
Conclusion/Summary	: Not available.
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.
i ertinty enects	: Not available.

12.1 I oxicity		
Conclusion/Summary	: Not available.	
12.2 Persistence and degr	adability	
Conclusion/Summary	: Not available.	
12.3 Bioaccumulative pote	ential	
Not available.		
12.4 Mobility in soil		
Soil/water partition coefficient (Koc)	: Not available.	
Mobility	: Not available.	
Date of issue/Date of revis	sion : 30.11.2016	A MacDermid Performance Solutions Bus A Platform Specialty Products Com

Superconcentrate Protector F1 Box

SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

PBT	: Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	 Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

European waste catalogue (EWC)

Waste code	Waste designation
16 03 06	organic wastes other than those mentioned in 16 03 05
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.
Additional information	-	-	-

19/21

Superconcentrate Protector F1 Box

SECTION 14: Transport information

14.6 Special precautions for	:	Transport within user's premises: always transport in closed containers that are
user		upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- : Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture				
EU Regulation (EC) No. 1907/	EU Regulation (EC) No. 1907/2006 (REACH)			
Annex XIV - List of substand	es subject to authoris	<u>ation</u>		
Substances of very high co	oncern			
None of the components ar	e listed.			
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.			
Other EU regulations				
Europe inventory	: Not determined.			
National regulations				
<u>Austria</u>				
<u>Belgium</u>				
<u>Bulgaria</u>				
<u>Croatia</u>				
Czech Republic				
<u>Denmark</u>				
<u>Estonia</u>				
<u>Finland</u>				
<u>France</u>				
<u>Germany</u>				
Hazard class for water	: 🚺 Appendix No. 4			
Greece				
<u>Hungary</u>				
<u>Ireland</u>				
<u>Italy</u>				
Latvia				
<u>Lithuania</u>				
<u>Netherlands</u>				
<u>Norway</u>				
<u>Poland</u>				
Portugal				
Product/ingredient name	List name	Name on list	Classification	Notes
Molybdate (MoO42-), sodium, hydrate (1:2:2), (T- 4)-	Portugal Occupational Exposure Limits	molibdénio, compostos solúveis	Carc. A3	-
Romania				
Date of issue/Date of revision	: 30.11.2016	A Mac	Dermid Performance A Platform Specialt	y Products Company

Superconcentrate Protector F1 Box

SECTION 15: Regulatory information

<u>Slovakia</u>	
<u>Slovenia</u>	
<u>Spain</u>	
<u>Sweden</u>	
Switzerland	
<u>Turkey</u>	
<u>United Kingdom (UK)</u>	
15.2 Chemical safety assessment	 This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Date of printing	07.12.2016
Date of issue/ Date of revision	: 30.11.2016
Date of previous issue	: 29.11.2016
Version	: 3.12
Notice to reader	

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Darked No. Effect Level
	DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement
	PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification

Aquatic Chronic 3, H412

Europe Full text of abbreviated H statements	 H302 Harmful if swallowed. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. 	
Full text of classifications [CLP/GHS]	 Acute Tox. 4, H302 Aquatic Chronic 2, H411 Aquatic Chronic 3, H412 Eye Irrit. 2, H319 ACUTE TOXICITY (oral) - Category 4 LONG-TERM AQUATIC HAZARD - Category 2 LONG-TERM AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 	
Full text of abbreviated R phrases	₱22- Harmful if swallowed. R36- Irritating to eyes. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
Full text of classifications [DSD/DPD]	: ⊠n - Harmful Xi - Irritant	

Calculation method

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Justification

Superconcentrate Protector F1 Box

Fernox SDS CLP Europe