

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 18-Feb-2022
Print Date: 13-Jan-2023

Revision Number: 1

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

1.1. Product identifier

Product Name: **Mega 058 QuickEasy Spray Filler**
Article number: 012080540514

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

Product categories [PC]: PC9 - Coatings and paints, fillers, putties, thinners
Sector of uses [SU]: SU19 - Building and construction work

1.3. Details of the supplier of the safety data sheet

Supplier: MEGA eG
Fangdieckstrasse 45
D - 22547 Hamburg
Telefon: +49 40/ 54004-0
Telefax: +49 40/ 54004-9
www.mega.de

Responsibility Statement: Department productsector paints and coatings
Telephone: 040 54004-528

E-mail address: technik@mega.de

1.4. Emergency telephone number

Emergency Telephone: +49 40 / 54004 - 528 (Mo. - Tue. 7.15 - 16.30 Uhr, Fr. bis 12.00 Uhr)

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Austria	+43 1 406 43 43 (Giftinformationszentrale)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Chronic aquatic toxicity	Category 3 - (H412)
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2.2. Label elements

Hazard statements:

H412 - Harmful to aquatic life with long lasting effects.

EU Specific Hazard Statements:

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one, 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone May produce an allergic reaction.

Precautionary Statements - EU (§28, 1272/2008):

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

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2.3. Other hazards

Toxic to aquatic life.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No (EU Index No)	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Calcium carbonate	471-34-1	207-439-9	-		10 - < 25
Titanium dioxide	13463-67-7	() 236-675-5	01-2119489379-17		10 - < 25
Silicic acid, aluminum sodium salt	1344-00-9	215-684-8	01-2119429887-22		1 - < 3
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1)	171054-89-0	419-240-6	01-00000016594-65	Eye Dam. 1 (H318)	0.25 - < 0.5
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	01-2119450011-60	[B]	0.1 - < 0.25
2-Bromo-2-nitro-1,3-propanediol	52-51-7	200-143-0	01-2119980938-15	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.01 - < 0.05
Diethylene glycol monobutyl ether	112-34-5	203-961-6	01-2119475104-44	Eye Irrit. 2 (H319)	0.01 - < 0.05
Zinc pyrithione	13463-41-7	236-671-3	01-2119511196-46	Acute Tox. 3 (H301) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Repr. 1B (H360D) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.01 - < 0.05
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	55965-84-9	611-341-5 911-418-6	01-2120764691-48	Acute Tox. 3 (H301) Acute Tox. 2 (H310) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	0.001 - < 0.005

[B] - Substance with a Community workplace exposure limit

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Chemical name	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
2-Bromo-2-nitro-1,3-propanediol 52-51-7		10	1	
Zinc pyrithione 13463-41-7		1000	10	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Skin Corr. 1C :: C \geq 0.6% Skin Irrit. 2 :: 0.06% \leq C<0.6% Eye Dam. 1 :: C \geq 0.6% Eye Irrit. 2 :: 0.06% \leq C<0.6% Skin Sens. 1A :: C \geq 0.0015%	100	100	

Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Calcium carbonate 471-34-1	6450	2000	3	No data available	No data available
Titanium dioxide 13463-67-7	10010	No data available	7	No data available	No data available
Silicic acid, aluminum sodium salt 1344-00-9	5005	5005	19	No data available	No data available
Benzenebutanoic acid, 4-methyl-gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	2002	2002	No data available	No data available	No data available
Dipropylene glycol monomethyl ether 34590-94-8	5350	9500	21	No data available	No data available
2-Bromo-2-nitro-1,3-propanediol 52-51-7	180	1600	No data available	No data available	No data available
Diethylene glycol monobutyl ether 112-34-5	2410	2764	No data available	No data available	No data available
Zinc pyrithione 13463-41-7	177	100	0.0501	3	No data available
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	457	660	0.0501	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration \geq 0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Full text of H- and EUH-phrases: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Remove to fresh air.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact:	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Ingestion:	Rinse mouth.

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

Symptoms: No information available.

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

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation.

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For emergency responders: Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling



Advice on safe handling: Ensure adequate ventilation.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Other information: No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Calcium carbonate 471-34-1					TWA: 10 mg/m ³ TWA: 4 mg/m ³
Titanium dioxide 13463-67-7		TWA: 5 mg/m ³ STEL 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³ *	TWA: 50 ppm TWA: 307 mg/m ³ STEL 100 ppm STEL 614 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ D*	TWA: 50 ppm TWA: 308.0 mg/m ³ K*	TWA: 50 ppm TWA: 308 mg/m ³ *

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		H*			
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		TWA: 0.05 mg/m ³ Sh+			
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Titanium dioxide 13463-67-7			TWA: 6 mg/m ³	TWA: 5 mg/m ³	
Dipropylene glycol monomethyl ether 34590-94-8	* TWA: 50 ppm TWA: 308 mg/m ³	TWA: 270 mg/m ³ Ceiling: 550 mg/m ³ D*	TWA: 50 ppm TWA: 309 mg/m ³ H*	TWA: 50 ppm TWA: 308 mg/m ³ A*	TWA: 50 ppm TWA: 310 mg/m ³ iho*
Diethylene glycol monobutyl ether 112-34-5	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 100 mg/m ³ Ceiling: 100 mg/m ³	TWA: 10 ppm TWA: 68 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 68 mg/m ³
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Calcium carbonate 471-34-1	TWA: 10 mg/m ³				
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 1.25 mg/m ³ TWA: 10 mg/m ³	TWA: 10 mg/m ³ Ceiling / Peak: 2.4 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³	
Benzenebutanoic acid, 4-methyl- γ -oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0			AGW: 1.25 mg/m ³		
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³ *	TWA: 50 ppm TWA: 310 mg/m ³	TWA: 50 ppm TWA: 310 mg/m ³ Peak: 50 ppm Peak: 310 mg/m ³	TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³ *	TWA: 308 mg/m ³
2-Bromo-2-nitro-1,3-propane diol 52-51-7			* skin sensitizer		
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm TWA: 68 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 10 ppm TWA: 67 mg/m ³	TWA: 67 mg/m ³ TWA: 10 ppm Peak: 15 ppm Peak: 100.5 mg/m ³ *	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 67.5 mg/m ³ STEL: 101.2 mg/m ³
Zinc pyrrhione 13463-41-7					
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9			MAK: 0.2 mg/m ³		
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Calcium carbonate 471-34-1				TWA: 6 mg/m ³	
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³		TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³
Silicic acid, aluminum sodium salt 1344-00-9			TWA: 1 mg/m ³		
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm STEL: 924 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ cute*	TWA: 100 ppm TWA: 606 mg/m ³ STEL: 150 ppm STEL: 909 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ Ada*	O* TWA: 300 mg/m ³ TWA: 50 ppm STEL: 450 mg/m ³

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	Sk*		cute*		STEL: 75 ppm
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 10 ppm TWA: 66 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 67.5 mg/m ³ TWA: 10 ppm STEL: 101.2 mg/m ³ STEL: 15 ppm
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Calcium carbonate 471-34-1					TWA: 10 mg/m ³
Titanium dioxide 13463-67-7				TWA: 5 mg/m ³ STEL: 10 mg/m ³	STEL: 30 mg/m ³ TWA: 10 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	Peau* TWA: 308 mg/m ³ TWA: 50 ppm	skin* TWA: 50 ppm TWA: 308 mg/m ³	TWA: 300 mg/m ³	TWA: 50 ppm TWA: 300 mg/m ³ STEL: 75 ppm STEL: 375 mg/m ³ H*	STEL: 480 mg/m ³ TWA: 240 mg/m ³ skóra*
Diethylene glycol monobutyl ether 112-34-5	Peau* STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 50 mg/m ³ STEL: 100 mg/m ³ H*	TWA: 10 ppm TWA: 68 mg/m ³ STEL: 20 ppm STEL: 102 mg/m ³	STEL: 100 mg/m ³ TWA: 67 mg/m ³
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Calcium carbonate 471-34-1	TWA: 10 mg/m ³				
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 10 mg/m ³ STEL: 15 mg/m ³	TWA: 5 mg/m ³		TWA: 10 mg/m ³
Silicic acid, aluminum sodium salt 1344-00-9					TWA: 1 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm Cutânea*	TWA: 50 ppm TWA: 308 mg/m ³ P*	TWA: 50 ppm TWA: 308 mg/m ³ K*	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 50 ppm STEL: 308 mg/m ³ K*	TWA: 50 ppm TWA: 308 mg/m ³ via dérmica*
Diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 101.2 mg/m ³ STEL: 15 ppm	TWA: 67.5 mg/m ³ TWA: 10 ppm STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ Ceiling: 101.2 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³
Chemical name	Sweden	Switzerland	United Kingdom	Russia	Turkey
Calcium carbonate 471-34-1		TWA: 3 mg/m ³			
Titanium dioxide 13463-67-7	NGV: 5 mg/m ³	TWA: 3 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³	
Dipropylene glycol monomethyl ether 34590-94-8	NGV: 50 ppm NGV: 300 mg/m ³ Vägledande KGV: 75 ppm Vägledande KGV: 450 mg/m ³ *	TWA: 50 ppm TWA: 300 mg/m ³ STEL: 50 ppm STEL: 300 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm STEL: 924 mg/m ³ Sk*		TWA: 50 ppm TWA: 308 mg/m ³ S*
Diethylene glycol monobutyl ether 112-34-5	NGV: 10 ppm NGV: 68 mg/m ³ Bindande KGV: 15 ppm Bindande KGV: 101 mg/m ³	TWA: 10 ppm TWA: 67 mg/m ³ STEL: 15 ppm STEL: 101 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³	MAC: 10 mg/m ³	TWA: 10 ppm TWA: 67.5 mg/m ³ STEL: 15 ppm STEL: 101.2 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		S+ TWA: 0.2 mg/m ³			

Biological occupational exposure This product, as supplied, does not contain any hazardous materials with biological limits

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limits: established by the region specific regulatory bodies

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Calcium carbonate			6.36 mg/m ³	
Silicic acid, aluminum sodium salt			4 mg/m ³	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1)	4.42 mg/m ³	22.1 mg/m ³		
Dipropylene glycol monomethyl ether	308 mg/m ³			
2-Bromo-2-nitro-1,3-propanediol	3.5 mg/m ³	10.5 mg/m ³	2.5 mg/m ³	2.5 mg/m ³
Diethylene glycol monobutyl ether	67.5 mg/m ³		67.5 mg/m ³	101.2 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone			0.02 mg/m ³	0.04 mg/m ³

Worker - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1)	0.25 mg/kg bw/day	1.25 mg/kg bw/day		
Dipropylene glycol monomethyl ether	283 mg/kg bw/day			
2-Bromo-2-nitro-1,3-propanediol	2 mg/kg bw/day	6 mg/kg bw/day	8 µg/cm ²	8 µg/cm ²
Diethylene glycol monobutyl ether	83 mg/kg bw/day			
Zinc pyrithione	0.01 mg/kg bw/day			

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Calcium carbonate			1.06 mg/m ³	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1)	0.11 mg/m ³	0.55 mg/m ³		
Dipropylene glycol monomethyl ether	37.2 mg/m ³			
2-Bromo-2-nitro-1,3-propanediol	0.6 mg/m ³	1.8 mg/m ³		0.6 mg/m ³

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Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Diethylene glycol monobutyl ether	40.5 mg/m ³		40.5 mg/m ³	60.7 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone			0.02 mg/m ³	0.04 mg/m ³

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1)	0.125 mg/kg bw/day	0.625 mg/kg bw/day		
Dipropylene glycol monomethyl ether	121 mg/kg bw/day			
2-Bromo-2-nitro-1,3-propanediol	0.7 mg/kg bw/day	2.1 mg/kg bw/day	4 µg/cm ²	4 µg/cm ²
Diethylene glycol monobutyl ether	50 mg/kg bw/day			

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Calcium carbonate	6.1 mg/kg bw/day	6.1 mg/kg bw/day		
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1)	0.125 mg/kg bw/day			
Dipropylene glycol monomethyl ether	36 mg/kg bw/day			
2-Bromo-2-nitro-1,3-propanediol	0.18 mg/kg bw/day	0.5 mg/kg bw/day		
Diethylene glycol monobutyl ether	5 mg/kg bw/day			
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	0.09 mg/kg bw/day	0.11 mg/kg bw/day		

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Calcium carbonate CAS: 471-34-1
Sewage treatment	100 mg/L
Chemical name	Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) CAS: 171054-89-0
Freshwater	0.1 mg/L
Marine water	10 µg/L
Freshwater (intermittent release)	1 mg/L

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Marine water (intermittent release)	0.1 mg/L
Sewage treatment	2 mg/L
Chemical name	Dipropylene glycol monomethyl ether CAS: 34590-94-8
Freshwater	19 mg/L
Marine water	1.9 mg/L
Freshwater (intermittent release)	190 mg/L
Sewage treatment	4168 mg/L
Freshwater sediment	70.2 mg/kg sediment dw
Marine sediment	7.02 mg/kg sediment dw
Soil	2.74 mg/kg soil dw
Chemical name	2-Bromo-2-nitro-1,3-propanediol CAS: 52-51-7
Freshwater	0.01 mg/L
Marine water	0.0008 mg/L
Freshwater (intermittent release)	0.0025 mg/L
Sewage treatment	0.43 mg/L
Freshwater sediment	0.041 mg/kg sediment dw
Marine sediment	0.00328 mg/kg sediment dw
Soil	0.5 mg/kg soil dw
Chemical name	Diethylene glycol monobutyl ether CAS: 112-34-5
Freshwater	1.1 mg/L
Marine water	0.11 mg/L
Freshwater (intermittent release)	11 mg/L
Sewage treatment	200 mg/L
Freshwater sediment	4.4 mg/kg sediment dw
Marine sediment	0.44 mg/kg sediment dw
Soil	0.32 mg/kg soil dw
Food chain	56 mg/kg food
Chemical name	Zinc pyriothione CAS: 13463-41-7
Freshwater	90 ng/L
Marine water	90 ng/L
Sewage treatment	0.01 mg/L
Freshwater sediment	0.0095 mg/kg sediment dw
Marine sediment	0.0095 mg/kg sediment dw
Soil	1.02 mg/kg soil dw
Chemical name	5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone CAS: 55965-84-9
Freshwater	3.39 µg/L
Marine water	3.39 µg/L
Freshwater (intermittent release)	3.39 µg/L
Marine water (intermittent release)	3.39 µg/L
Sewage treatment	0.23 mg/L
Freshwater sediment	0.027 mg/kg sediment dw
Marine sediment	0.027 mg/kg sediment dw
Soil	0.01 mg/kg soil dw

8.2. Exposure controls

Engineering controls: None under normal use conditions.

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Personal protective equipment: The usual precautionary measures for the handling of chemicals have to be observed.



Eye/face protection: If splashes are likely to occur, wear safety glasses with side-shields.

PPE - Glove material	Glove thickness	Break through time
NBR (Nitrile rubber)	0.4 mm	>=480 min.

Skin and body protection: No special protective equipment required.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: Filtering device (full mask or mouthpiec) with filter: AP-2

Environmental exposure controls: No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	dispersion				
Color	white				
Odor	characteristic				
Melting point / melting range				Conditions	Method
Boiling point / boiling range	>	100	°C		Remarks
Flammability					Not established
Decomposition temperature					Not established
Flash point					not relevant
Autoignition temperature					Not established
Lower explosive limit					None known
Upper explosion limit					not relevant
Vapor pressure					not relevant
Density	~	1.563	g/cm ³	20 °C	Not established
Water solubility					Not established
pH		8 - 9		20 °C	Miscible
pH (as aqueous solution)					Not applicable
Partition coefficient					Not established
Kinematic viscosity					Not applicable
Odor threshold					Not applicable
Relative density					Not established
Evaporation rate					Not established
Relative vapor density					Not established
Particle Size					no data available
Particle Size Distribution					no data available

9.2. Other information

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Bulk density: no data available
Softening point No information available
Molecular weight No information available

9.2.1. Information with regard to physical hazard classes:

Explosive properties Not an explosive
Oxidizing properties Not oxidising.

9.2.2. Other safety characteristics: No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: No information available.

10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:

Sensitivity to mechanical impact: None.
Sensitivity to static discharge: None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

10.4. Conditions to avoid

Conditions to avoid: None known based on information supplied.

10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information: The product has not been tested

Inhalation: Specific test data for the substance or mixture is not available.

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Eye contact: Specific test data for the substance or mixture is not available.

Skin contact: Specific test data for the substance or mixture is not available.

Ingestion: Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics: _____

Symptoms: No information available.

Numerical measures of toxicity: _____

Acute toxicity: The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 22,494.40 mg/kg

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
Calcium carbonate 471-34-1	Oral LD50	Rat	6450 mg/kg	
Titanium dioxide 13463-67-7	Oral LD50	Rat	> 10000 mg/kg	
Silicic acid, aluminum sodium salt 1344-00-9	Oral LD50	Rat	> 5000 mg/kg	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	Oral LD50	Rat	> 200 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Oral LD50	Rat	5.35 g/kg	
2-Bromo-2-nitro-1,3-propanediol 52-51-7	Oral LD50	Rat	180 mg/kg	
Diethylene glycol monobutyl ether 112-34-5	Oral LD50	Mouse	2410 mg/kg	OECD 401
Zinc pyrithione 13463-41-7	Oral LD50	Rat	177 mg/kg	
5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Oral LD50	Rat	457 mg/kg	

Chemical name	Parameters	Species	Effective dose	Method
Silicic acid, aluminum sodium salt 1344-00-9	Dermal LD50	Rabbit	> 5000 mg/kg	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	Dermal LD50	Rat	> 2000 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Dermal LD50	Rabbit	9500 mg/kg	
2-Bromo-2-nitro-1,3-propanediol 52-51-7	Dermal LD50	Rat	1600 mg/kg	
Diethylene glycol monobutyl ether	Dermal LD50	Rabbit	2764 mg/kg	OECD 402

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Chemical name	Parameters	Species	Effective dose	Method
112-34-5				
Zinc pyrithione 13463-41-7	Dermal LD50	Rabbit	100 mg/kg	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Dermal LD50	Rabbit	660 mg/kg	

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Titanium dioxide 13463-67-7	Inhalation LD50	Rat	> 6.82 mg/L	4 h	
Silicic acid, aluminum sodium salt 1344-00-9	Inhalation LC50	Rat	> 18.3 mg/L	1 h	
Dipropylene glycol monomethyl ether 34590-94-8	Inhalation LC50	Rat	21 mg/L		
2-Bromo-2-nitro-1,3-propanediol 52-51-7	Inhalation LC50	Rat	800 mg/m ³	4 h	
Zinc pyrithione 13463-41-7	Inhalation LC50	Rat	0.05 - 0.5 mg/L 140 mg/m ³	4 h	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Inhalation LC50	Rat	171 - 2360 mg/m ³	4 h	

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin corrosion/irritation:	No information available.
Serious eye damage/eye irritation:	No information available.
Respiratory or skin sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Titanium dioxide	Carc. 2

Reproductive toxicity:	Based on available data, the classification criteria are not met.
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The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Zinc pyrithione	Repr. 1B

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STOT - single exposure: No information available.

STOT - repeated exposure: No information available.

Aspiration hazard: No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available.

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	LC50	Oncorhynchus mykiss	> 100 mg/L	96 h	
Dipropylene glycol monomethyl ether 34590-94-8	LC50	Pimephales promelas	> 10000 mg/L	96 h	
2-Bromo-2-nitro-1,3-propanediol 52-51-7	LC50	Lepomis macrochirus	11 mg/L	96 h	OECD 203
Diethylene glycol monobutyl ether 112-34-5	LC50	Lepomis macrochirus	1300 mg/L	96 h	OECD 203
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	LC50	Oncorhynchus mykiss	0.22 mg/L	96 h	OECD 203

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	EC50	Daphnia magna	> 100 mg/L	48 h	
Dipropylene glycol monomethyl ether	LC50	Daphnia magna	1919 mg/L	48 h	

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Chemical name	Parameter	Species	Effective dose	Exposure time	Method
ether 34590-94-8					
2-Bromo-2-nitro-1,3-propanedi ol 52-51-7	EC50	Daphnia magna	1.04 mg/L	48 h	OECD 202
Diethylene glycol monobutyl ether 112-34-5	EC50	Daphnia magna	2850 mg/L	48 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	Daphnia magna	0.1 mg/L	48 h	OECD 202

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	ErC50	Scenedesmus subspicatus	> 100 mg/L	72 h	
2-Bromo-2-nitro-1,3-propanedi ol 52-51-7	EC50	Anabaena flos aqua	0.068 mg/L	72 h	OECD 201
Diethylene glycol monobutyl ether 112-34-5	EC50	Desmodesmus subspicatus	> 100 mg/L	96 h	OECD 201
Zinc pyrithione 13463-41-7	EC50		0.003 mg/L	96 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	Pseudokirchneriella subcapitata	0.048 mg/L	72 h	OECD 201

Bacteria toxicity:

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
2-Bromo-2-nitro-1,3-propanedi ol 52-51-7	EC50	activated sludge	43 mg/L	3 h	
Zinc pyrithione 13463-41-7	EC50		2.4 mg/L	3 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	activated sludge	7.92 mg/L	3 h	

12.2. Persistence and degradability

Persistence and degradability:

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Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Titanium dioxide 13463-67-7	0 %		No		
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	86 %	28 d	Yes		
Dipropylene glycol monomethyl ether 34590-94-8	75 %	28 d	Yes		OECD 301F
2-Bromo-2-nitro-1,3-propanediol 52-51-7	100 %	28 d	Yes		
Diethylene glycol monobutyl ether 112-34-5	89-93 %	28 d	Yes	Aerobic biological treatment	
Zinc pyrithione 13463-41-7	100 %		Yes		
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	> 60 %	28 d	Yes		OECD 301

12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Dipropylene glycol monomethyl ether 34590-94-8	0.35	
2-Bromo-2-nitro-1,3-propanediol 52-51-7	0.38	3.16
Diethylene glycol monobutyl ether 112-34-5	1	99.9
Zinc pyrithione 13463-41-7	1.12	1.4
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	0.69	3.16

12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment

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Calcium carbonate 471-34-1	The substance is not PBT / vPvB PBT assessment does not apply
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Silicic acid, aluminum sodium salt 1344-00-9	PBT assessment does not apply
Benzenebutanoic acid, 4-methyl- γ -oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	The substance is not PBT / vPvB
Dipropylene glycol monomethyl ether 34590-94-8	The substance is not PBT / vPvB
2-Bromo-2-nitro-1,3-propanediol 52-51-7	The substance is not PBT / vPvB
Diethylene glycol monobutyl ether 112-34-5	The substance is not PBT / vPvB
Zinc pyrithione 13463-41-7	The substance is not PBT / vPvB
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties.

No information available.

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV: 08 01 12 (waste paint and varnish other than those mentioned in 08 01 11)

SECTION 14: Transport information

14.1. UN number

ADR: Not regulated
RID: Not regulated
IMDG: Not regulated
IATA: Not regulated

14.2 UN proper shipping name

ADR: Not regulated
RID: Not regulated

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IMDG: Not regulated
IATA: Not regulated

14.3. Transport hazard class(es)

ADR: Not regulated
RID: Not regulated
IMDG: Not regulated
IATA: Not regulated

14.4. Packing group

ADR: Not regulated
RID: Not regulated
IMDG: Not regulated
IATA: Not regulated

14.5. Environmental hazards

ADR:
RID:
IMDG: Not regulated
IATA:

14.6. Special precautions for user

ADR: Not regulated
Special Provisions: None
RID: Not regulated
Special Provisions: None
IMDG: Not regulated
Special Provisions: None
IATA: Not regulated
Special Provisions: None

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

SECTION 15: Regulatory information

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

European Union:

Regulation (EC) No. 1907/2006 (Annex II - (EC) No. 2020/878) and Regulation (EC) No. 1272/2008

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work:

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken

Authorizations and/or restrictions on use:

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- This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
Calcium carbonate 471-34-1		75.
Titanium dioxide 13463-67-7		75.
Benzenebutanoic acid, 4-methyl- γ -oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0		75.
2-Bromo-2-nitro-1,3-propanediol 52-51-7		75.
Diethylene glycol monobutyl ether 112-34-5		55. 75.
Zinc pyriithione 13463-41-7		75.
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		3

Persistent Organic Pollutants: (EC) 2019/1021 Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

EU - Plant Protection Products (1107/2009/EC):

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Calcium carbonate 471-34-1	The conclusions of the renewal report on Calcium carbonate, and in particular Appendices I and II thereto, shall be taken into account (Commission Implementing Regulation 2021/1448/EU, listed under part D)
Silicic acid, aluminum sodium salt 1344-00-9	Only uses as repellent may be authorised (important details in Commission Implementing Regulation 2019/324/EU; expiration date is August 31, 2019, listed under part A, Sodium aluminium silicate); Conditions of use shall include, where appropriate, risk mitigation measures (important details in Commission Implementing Regulation 2019/324/EU; expiration date is August 31, 2019, listed under part A, Sodium aluminium silicate)

Biocidal Products Regulation (EU) No 528/2012 (BPR):

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	2 - Disinfectants and algacides not intended for direct application to humans or animals 4 - Food and feed area disinfectant 6 - Preservatives for products during storage 11 - Preservatives for liquid-cooling and processing systems 12 - Slimicides 13 - Working or cutting fluid preservatives

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volatile organic compounds (VOC) content:
acc. reg. 2010/75/EG: 1.8 %
acc. reg. 2004/42/EG (Decopaint): 27.8 g/L

National regulations:

Denmark:

Chemical name	Denmark - MAL
Titanium dioxide 13463-67-7	0 m3/10 g substance MAL factor >=0.1 - 5 % by weight [3] >=5 % by weight [6] >0 % by weight [1]
Dipropylene glycol monomethyl ether 34590-94-8	5 m3/10 g substance MAL factor >0 % by weight [1]
2-Bromo-2-nitro-1,3-propanediol 52-51-7	50000 m3/10 g substance MAL factor 2500 m3/10 g substance MAL factor []
Diethylene glycol monobutyl ether 112-34-5	0 m3/10 g substance MAL factor >=10.0 % by weight [3]
Zinc pyrithione 13463-41-7	0 m3/10 g substance MAL factor >=1 % by weight [3]

Germany:

Water hazard class (WGK): slightly hazardous to water (WGK 1) - Classification according to AwSV

Chemical name	WGK Classification (AwSV)	ID number
Calcium carbonate 471-34-1	nwg	317
Titanium dioxide 13463-67-7	nwg	1345
Silicic acid, aluminum sodium salt 1344-00-9	0	1393
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	1	2091
Dipropylene glycol monomethyl ether 34590-94-8	1	5087
2-Bromo-2-nitro-1,3-propanediol 52-51-7	2	5204
Diethylene glycol monobutyl ether 112-34-5	1	46
Zinc pyrithione 13463-41-7	3	7636
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	3	2959

TA Luft (German Air Pollution Control Regulation):
total dust incl. fine dust (digit 5.2.1): 30 - 35%
org. substances (Ziffer 5.2.5): < 5%

Storage class (TRGS 510): LGK12 - Non-combustible liquids

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France:

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
Dipropylene glycol monomethyl ether 34590-94-8	RG 84
Diethylene glycol monobutyl ether 112-34-5	RG 84

RG 84 - Occupational conditions caused by liquid organic solvents

Netherlands:

Chemical name	Zinc pyrithione
Netherlands - List of Reproductive Toxins	Development Category 1B
ZZS list: SVHC	x ()

Water contaminating class (Netherlands): Z (2)

Austria:

Flammable Liquids Regulations, VbF: Not regulated

Poland:

Ordinance of the Minister of Family, Labor and Social Policy dated June 12, 2018 on the highest permissible concentrations and intensities of harmful factors for health in the work environment (Dz. U. 2018 item 1286, as amended)

Act of December 14, 2012 on waste (Journal of Laws of 2013, item 21; as amended)

Act on chemical substances and their mixtures of February 25, 2011. (Journal of Laws No. 63, item 322; as amended)

Regulation of the Minister of Labor and Social Policy of September 26, 1997 on general regulations of safety and hygiene at work (Dz. U. of 2003, No. 169, item 1650; as amended).

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 0 %

Hungary:

Decree No 44/2000 (XII.27.) of the Ministry of Economic Affairs and Labour of the Republic of Hungary on certain procedures and activities Joint Decree No. 5/2020 ITM on Chemical Safety at Work 178/2017 (VII. 5.)

Government Decree on the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) „A“ and „B“ of the European Agreement on Road Transport

International Inventories:

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply
NZIoC	Does not comply

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Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- NZIoC** - New Zealand Inventory of Chemicals
- DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report: No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet:

Full text of H-Statements referred to under section 3:

- EUH071 - Corrosive to the respiratory tract
- H301 - Toxic if swallowed
- H302 - Harmful if swallowed
- H310 - Fatal in contact with skin
- H312 - Harmful in contact with skin
- H314 - Causes severe skin burns and eye damage
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage
- H319 - Causes serious eye irritation
- H330 - Fatal if inhaled
- H335 - May cause respiratory irritation
- H360D - May damage the unborn child
- H372 - Causes damage to organs through prolonged or repeated exposure
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H411 - Toxic to aquatic life with long lasting effects

Legend:

- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
- ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route)
- AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)
- BCF: Bio-Concentration Factor
- BOD(5): Biochemical oxygen demand (within 5 days)
- CAS: Chemical Abstract Service
- CLP: Classification, Labelling and Packaging
- CMR: Carcinogenic, Mutagenic, toxic for Reproduction
- DIN: German Standards Institute / German industrial norm
- DNEL: Derived No Effect Level

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



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Mega 058 QuickEasy Spray Filler - 012080540514

DOC: Dissolved organic carbon
EAK/ AVV: European waste catalogue/ waste directory-regulation
EC50: Effective Concentration 50%
ECHA: European Chemical Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IATA: International Air Transport Association
IC50: Inhibition Concentration 50%
IMDG: International Maritime Dangerous Goods Code
LC50: Lethal Concentration 50% - LD50: Lethal dose 50%
MAK: Treshold limit values Germany
NLP: No Longer Polymers
NOAEC: No Observed Adverse Effect Concentration
NOAEL: No Observed Adverse Effect Level
OECD: Organization for Economic Cooperation and Development
PBT: persistent, bioaccumulative, toxic
PC: Product category
PNEC: Predicted No Effect Concentration
REACH: Registration, Evaluation and Authorization of Chemicals
RID: Regulations concerning the international carriage of dangerous goods by rail
(Règlement International concernant le transport de marchandises dangereuses par chemin de fer)
STEL: Short-term Exposure Limit
STP: Sewage treatment plant
SVHC: Substance of Very High Concern
TLV: Threshold Limit Value
TWA: Time Weighted Average
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent, very bioaccumulative

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value

* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

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Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGl(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

Revision date: 21-Oct-2021

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

Disclaimer:

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End of Safety Data Sheet