

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

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

1.1. Product identifier

3M[™] Glass Cleaner and Protector, Ready-To-Use

Product Identification Numbers 70-0716-5815-0

7100038228

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

Identified uses Hard Surface Cleaner

1.3. Details of the supplier of the safety data sheet

Address:3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.Telephone:+44 (0)1344 858 000E Mail:tox.uk@mmm.comWebsite:www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

CLASSIFICATION:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended for Great Britain, on classification, labelling, and packaging of substances and mixtures.

2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain Not applicable

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements:

EUH210

Safety data sheet available on request.

EUH208

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Information required per Regulation (EU) No 528/2012, as amended for Great Britain on Biocidal Products: Contains a biocidal product (preservative): C(M)IT/MIT (3:1).

Notes on labelling

Updated per Regulation (EC) No. 648/2004 as amended for Great Britain on detergents. Ingredients required per 648/2004 (not required on industrial label): Contains: Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1), Perfumes.

2.3. Other hazards

None known.

This material does not contain any substances that are assessed to be a PBT or vPvB

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Ingredient	Identifier(s)	%	Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB
Non-Hazardous Ingredients	Mixture	> 99	Substance not classified as hazardous
reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC-No.) 911-418-6	< 0.0015	EUH071 Acute Tox. 3, H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400,M=100 Aquatic Chronic 1, H410,M=100 Nota B Acute Tox. 2, H330 Acute Tox. 2, H310

Any entry in the Identifier(s) column that begins with the numbers 6, 7, 8, or 9 are a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance.

Please see section 16 for the full text of any H statements referred to in this section

Specific Concentration Limits

Ingredient	Identifier(s) Specific Concentration L	
5	(EC-No.) 911-418-6	(C >= 0.6%) Skin Corr. 1C, H314 (0.06% =< C < 0.6%) Skin Irrit. 2, H315 (C >= 0.6%) Eye Dam. 1, H318 (0.06% =< C < 0.6%) Eye Irrit. 2, H319 (C >= 0.0015%) Skin Sens. 1A, H317

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

Condition

During combustion.

During combustion.

If swallowed

Do not induce vomiting. Rinse mouth. If you feel unwell, get medical attention.

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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required Not applicable

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

<u>Substance</u> Carbon monoxide

Carbon monoxide Carbon dioxide.

5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Observe precautions from other sections.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

8.2. Exposure controls

8.2.1. Engineering controls

Use in a well-ventilated area.

8.2.2. Personal protective equipment (PPE)

Eye/face protection None required.

Skin/hand protection No chemical protective gloves are required.

Respiratory protection None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Colour Odor **Odour threshold** Melting point/freezing point **Boiling point/boiling range** Flammability (solid, gas) Flammable Limits(LEL) Flammable Limits(UEL) **Flash point** Autoignition temperature **Decomposition temperature** pН **Kinematic Viscosity** Water solubility Solubility- non-water Partition coefficient: n-octanol/water Vapour pressure Density **Relative density Relative Vapour Density**

Liquid. Light Blue Apple No data available. No data available. 100 °C Not applicable. Not applicable. Not applicable. No flash point No data available. No data available. 6.5 - 8.5 Units not available or not applicable. $10 \text{ mm}^2/\text{sec}$ Complete No data available. No data available. No data available. No data available. 1 No data available.

9.2. Other information

9.2.2 Other safety characteristics	
EU Volatile Organic Compounds	
Evaporation rate	
Molecular weight	

No data available. No data available. No data available.

Condition

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid None known.

10.5 Incompatible materials None known.

10.6 Hazardous decomposition products

Substance None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1. Information on hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

Sprayed material may cause irritation of the respiratory system: Signs/symptoms may include cough, sneezing, nasal discharge, hoarseness, wheezing, breathing difficulty, nose and throat pain, coughing up blood, and non respiratory effects such as painful and watery eyes.

Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Eye contact

Sprayed material may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Dermal	Rabbit	LD50 87 mg/kg
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Inhalation- Dust/Mist (4 hours)	Rat	LC50 0.171 mg/l
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and	Rabbit	Corrosive
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)		

Serious Eye Damage/Irritation

Name	Species	Value
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Rabbit	Corrosive

Skin Sensitisation

Name	Species	Value
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Human and animal	Sensitising

Photosensitisation

Name	Species	Value
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and	Human	Not sensitising
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	and	
	animal	

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	In vivo	Not mutagenic
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Dermal	Mouse	Not carcinogenic
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220- 239-6] (3:1)	Ingestion	Not classified for female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220- 239-6] (3:1)	Ingestion	Not classified for male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220- 239-6] (3:1)	Ingestion	Not classified for development	Rat	NOAEL 15 mg/kg/day	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
reaction mass of: 5-chloro- 2-methyl-4-isothiazolin-3- one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)	Inhalation	respiratory irritation	May cause respiratory irritation	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data is currently available or the data is not sufficient for classification.

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

Material	CAS #	Organism	Туре	Exposure	Test endpoint	Test result
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1)	55965-84-9	Activated sludge	Experimental	3 hours	NOEC	0.91 mg/l
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1)	55965-84-9	Bacteria	Experimental	16 hours	EC50	5.7 mg/l
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1)		Copepod	Experimental	48 hours	EC50	0.007 mg/l
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1)		Diatom	Experimental	72 hours	ErC50	0.0199 mg/l
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-	55965-84-9	Green algae	Experimental	72 hours	ErC50	0.027 mg/l

lore [EC no. 220- 239-6] (3:1) reaction mass of .5 isofhiazolin-3-one [EC no. 247-500- 7] and 2-methyl- 241-sofhiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of .5 isofhiazolin-3-one [EC no. 220- 239-6] (3:1) reaction mass of .5 isofhiazoli-3-one [EC no. 220- 239-6] (3:1) reaction mass of .5 isofhiazoli-3-		r		-	1		
239-61(3:1)	2H-isothiazol-3-						
239-61(3:1)	one [EC no. 220-						
reaction mass of 5 - 55965-84-9 elhoro-2-methyl-4- isothiazoln-3-one [EC no. 279-500- 7]and 2-methyl- 239-6[3:1] reaction mass of 5 - 55965-84-9 elhoro-2-methyl-4- isothiazoln-3-one [EC no. 247-500- 7]and 2-methyl- 24-isothiazol-3- one [EC no. 220- 239-6[3:1] reaction mass of 5 - 55965-84-9 elhoro-2-methyl-4- isothiazoln-3-one [EC no. 247-500- 7]and 2-methyl- 24-isothiazol-3- one [EC no. 220- 239-6[3:1] reaction mass of 5 - 55965-84-9 elhoro-2-methyl-4- isothiazol-3- one [EC no. 220- 239-6[3:1] reaction mass of 5 - 55965-84-9 elfC no. 220- 239-6[3:1] reaction mass of 5 - 55965-84-9	239-61 (3:1)						
ehloro-2-methyl-4- isothiazoli-3-one [EC no. 220- 239-6] (3:1) reaction mass of: 5-55965-84-9 chloro-2-methyl-4- isothiazoli-3-one [EC no. 220- 239-6] (3:1) reaction mass of: 5-55965-84-9 chloro-2-methyl-4- isothiazol-3-one [EC no. 247-500- 7] and 2-methyl- 4- H-sothiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of: 5-55965-84-9 chloro-2-methyl-4- isothiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of: 5-55965-84-9 chloro-2-methyl-4- isothiazol-3-one [EC no. 220- 239-6] (3:1) reaction mass of: 5-55965-84-9 chloro-20-20-20-20-20-20-20		55965-84-9	Rainbow trout	Experimental	96 hours	L C 50	0.19 mg/l
isothiazoli-3-one [EC no. 275-500- 7]and 2-methyl-4 Experimental 96 hours LC50 0.3 mg/l minnow Software Softwar		55905 019	itumoow trout	Experimental	50 Hours	Leso	0.19 mg/l
[EC no. 247-500-]and 2-methyl- 214-isothiazol-3- one [EC no. 220- 239-6] (3:1) Sheepshead Experimental 96 hours LC50 0.3 mg/l reaction mass of .5 55965-84-9 Minnow Experimental 96 hours LC50 0.3 mg/l [EC no. 275:00- 7]and 2-methyl- H-isothiazol-3- one [EC no. 270- 239-6] (2:1) Neter flea Experimental 48 hours EC50 0.099 mg/l reaction mass of .5 55965-84-9 Water flea Experimental 48 hours EC50 0.099 mg/l reaction mass of .5 55965-84-9 Water flea Experimental 48 hours EC50 0.099 mg/l reaction mass of .5 55965-84-9 Diatom Experimental 48 hours NOEC 0.00049 mg/l reaction mass of .5 55965-84-9 Diatom Experimental 48 hours NOEC 0.00049 mg/l reaction mass of .5 55965-84-9 Fathead minnow Experimental 48 hours NOEC 0.00049 mg/l reaction mass of .5 55965-84-9 Fathead minnow Experimental 36 days NOEL 0.02 mg/l rea							
7]ad 2-methyl- 2J3-61 (3:1) schensol-3- schensol-3- one [EC no. 220- 239-61 (3:1) Sheepshead Experimental 96 hours LC50 0.3 mg/l reaction mass of 5- 55965-84-9 Sheepshead Minnow Feering and 2-methyl-4- Sheepshead Sheepshead [EC no. 247-500- 7]and 2-methyl-4 Water flea Experimental 96 hours LC50 0.3 mg/l Solitoz-2-methyl-4- isothiazolin-3-one [EC no. 275-500- 7]and 2-methyl-4 Water flea Experimental 48 hours EC50 0.099 mg/l H-isothiazolin-3-one [EC no. 275-500- 7]and 2-methyl-4 Diatom Experimental 48 hours NOEC 0.00049 mg/l H-isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4 Diatom Experimental 48 hours NOEC 0.00049 mg/l H-isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4 Fathead minnow Experimental 36 days NOEL 0.02 mg/l H-isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4 Fathead minnow Experimental 36 days NOEL 0.02 mg/l H-isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4 Green algae Experimental 72 hours NOEC 0.004 mg/l							
2H-isothiazol-3- one [FC no. 220- 239-6] (3:1) reaction mass of: 5- 55965-84-9 chloro-2-methyl-4- H-isothiazol-3- one [EC no. 27-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 27-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of: 5- 55965-84-9 chloro-2-methyl-4- isothiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of: 5- 55965-84-9 chloro-2-methyl-4- isothiazol-3-one [EC no. 247-500- 7]and 2-methyl-4 isothiazol-3-one [EC no. 247-500- 7]and 2-methyl-4 isothia							
one [EC no. 220- [239-6] (3:1) Experimental 96 hours LC50 0.3 mg/l reaction mass of: 5- softiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4- isothiazolin-3-one [EC no. 220- 239-6] (3:1) Water flea Experimental 48 hours EC50 0.099 mg/l IEC no. 220- 239-6] (3:1) User flea Experimental 48 hours EC50 0.099 mg/l IEC no. 220- 239-6] (3:1) Diatom Experimental 48 hours NOEC 0.00049 mg/l IEC no. 247-500- 7]and 2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4- isothiazolin-3-one Diatom Experimental 48 hours NOEC 0.00049 mg/l IEC no. 247-500- 7]and 2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-4- isothiazolin-3-one Green algae Experimental 72 hours NOEC 0.004 mg/l							
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[EC no. 247-500- 7]and 2-methyl-							
7]and 2-methyl-							
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239-6] (3:1)							
reaction mass of: 5- 55965-84-9 Water flea Experimental 21 days NOEC 0.004 mg/l		55965-84-9	Water flea	Experimental	21 days	NOEC	0.004 mg/l
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isothiazolin-3-one							
[EC no. 247-500-							
7]and 2-methyl-							
2H-isothiazol-3-	2H-Isothiazol-3-						
	one [EC no. 220- 239-6] (3:1)						

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
reaction mass of: 5-	55965-84-9	Analogous	29 days			OECD 301B - Modified
chloro-2-methyl-4-		Compound			evolution/THCO2	sturm or CO2
isothiazolin-3-one		Biodegradation			evolution (does not	
[EC no. 247-500-					pass 10-day	
7]and 2-methyl-					window)	

2H-isothiazol-3- one [EC no. 220- 239-6] (3:1)				
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1)	Experimental Hydrolysis	Hydrolytic half-life (pH 7)	> 60 days (t 1/2)	

12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
reaction mass of: 5-	55965-84-9	Analogous	28 days	Bioaccumulation	54	OECD305-Bioconcentration
chloro-2-methyl-4-		Compound BCF -		factor		
isothiazolin-3-one		Fish				
[EC no. 247-500-						
7]and 2-methyl-						
2H-isothiazol-3-						
one [EC no. 220-						
239-6] (3:1)						
reaction mass of: 5-	55965-84-9	Analogous		Log Kow	0.4	
chloro-2-methyl-4-		Compound				
isothiazolin-3-one		Bioconcentration				
[EC no. 247-500-						
7]and 2-methyl-						
2H-isothiazol-3-						
one [EC no. 220-						
239-6] (3:1)						

12.4. Mobility in soil

Material	Cas No.	Test type	Study Type	Test result	Protocol
reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500- 7]and 2-methyl-2H- isothiazol-3-one [EC no. 220-239-6] (3:1)		Experimental Mobility in Soil	Koc	10 l/kg	OECD 106 Adsp-Desb Batch Equil

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Other adverse effects

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in

a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

20 01 30 Detergents other than those mentioned in 20 01 29.

SECTION 14: Transportation information

Not hazardous for transportation.

	Ground Transport (ADR)	Air Transport (IATA)	Marine Transport (IMDG)
14.1 UN number	No data available.	No data available.	No data available.
14.2 UN proper shipping name	No data available.	No data available.	No data available.
14.3 Transport hazard class(es)	No data available.	No data available.	No data available.
14.4 Packing group	No data available.	No data available.	No data available.
14.5 Environmental hazards	No data available.	No data available.	No data available.
14.6 Special precautions for user	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.
14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code	No data available.	No data available.	No data available.
Control Temperature	No data available.	No data available.	No data available.
Emergency Temperature	No data available.	No data available.	No data available.
ADR Classification Code	No data available.	No data available.	No data available.
IMDG Segregation Code	No data available.	No data available.	No data available.

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

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

Restrictions on the manufacture, placing on the market and use:

The following substance(s) contained in this product is/are subject to Annex XVII of regulation (EC) 1907/2006, as amended for GB, with regard to restrictions on the manufacture, placing on the market and use when present in certain dangerous conditions. Users of this product are required to comply with the restrictions placed upon it by the aforementioned provision.

Ingredient

CAS Nbr

reaction mass of: 5-chloro-2-methyl-4-isothiazolin- 55965-84-9 3-one [EC no. 247-500-7]and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)

Restriction status: listed in UK REACH Annex XVII Restricted uses: See Annex XVII to Regulation (EC) No 1907/2006 as amended for Great Britain for Conditions of Restriction

Global inventory status

Contact 3M for more information.

COMAH Regulation, SI 2015/483

Seveso hazard categories, Annex 1, Part 1 None

Seveso named dangerous substances, Annex 1, Part 2

Dangerous Substances	Identifier(s)	Qualifying quantity (tonnes) for the application of		
		Lower-tier requirements	Upper-tier requirements	
reaction mass of: 5-chloro-2-	55965-84-9	50	200	
methyl-4-isothiazolin-3-one				
[EC no. 247-500-7]and 2-				
methyl-2H-isothiazol-3-one				
[EC no. 220-239-6] (3:1)				

Regulation (EU) No 649/2012, as amended for GB

No chemicals listed

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

SECTION 16: Other information

List of relevant H statements

EUH071	Corrosive to the respiratory tract.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Revision information:

No revision information

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

3M SDSs for Great Britain are available at www.3M.com/uk

For Northern Ireland documents, please contact your 3M representative to obtain a copy.