

# **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

Ultimate Quik Detailer G2010 [G201016 G201024]

#### **Product Identification Numbers**

14-1001-3081-5 14-1001-3082-3

7012496735 7012496736

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

#### **Identified uses**

Automotive.

# 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 858 000 E Mail: tox.uk@mmm.com Website: 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:**

**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: Perfumes, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1)

#### 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	80 - 100	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 Limits
		(C >= 0.6%) Skin Corr. 1C, H314
isothiazolin-3-one [EC no. 247-500-7]and	(EC-No.) 911-418-6	(0.06% = < C < 0.6%) Skin Irrit. 2, H315
2-methyl-2H-isothiazol-3-one [EC no. 220-		$(C \ge 0.6\%)$ Eye Dam. 1, H318
239-6] (3:1)		(0.06% = < C < 0.6%) Eye Irrit. 2, H319
		$(C \ge 0.0015\%)$ 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

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. 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.

#### 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.

## 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### **Hazardous Decomposition or By-Products**

**Substance** 

Carbon monoxide Carbon dioxide.

Irritant vapours or gases.

# **Condition**

During combustion.
During combustion.
During combustion.

#### 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

Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. Ventilate the area with fresh air. Observe precautions from other sections.

#### 6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

## 6.3. Methods and material for containment and cleaning up

Contain spill. 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. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

## 7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from acids. Store away from oxidising agents.

#### 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

No engineering controls required.

#### 8.2.2. Personal protective equipment (PPE)

### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety glasses with side shields.

Applicable Norms/Standards

Use eye protection conforming to EN 166

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	Liquid.			
Colour	Off-White			
Odor	Weak Orange			
Odour threshold	No data available.			
Melting point/freezing point	Not applicable.			
Boiling point/boiling range	100 °C			
Flammability	Not applicable.			
Flammable Limits(LEL)	Not applicable.			
Flammable Limits(UEL)	Not applicable.			
Flash point	>= 93.3 °C [Test Method:Pensky-Martens Closed Cup]			
Autoignition temperature	Not applicable.			
Decomposition temperature	No data available.			
pH	4 - 5 Units not available or not applicable.			
Kinematic Viscosity	No data available.			
Water solubility	Complete			
Solubility- non-water	No data available.			
Partition coefficient: n-octanol/water	No data available.			
Vapour pressure	No data available.			
Density	1 - 1.02 g/cm3 [ <i>Ref Std:</i> WATER=1]			
Relative density	1 - 1.02 [ <i>Ref Std</i> :WATER=1]			
Relative Vapour Density	No data available.			
Particle Characteristics	Not applicable.			

#### 9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic CompoundsNo data available.Evaporation rateNo data available.Molecular weightNo data available.

**Percent volatile** 99.2 % weight [*Test Method:*Estimated]

# **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

Not determined

#### 10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

#### 10.6 Hazardous decomposition products

**Substance** 

None known.

**Condition** 

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

No known health effects.

## 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.	Inhalation-	Rat	LC50 0.171 mg/l
247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]	Dust/Mist		
(3:1)	(4 hours)		
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.	Ingestion	Rat	LD50 40 mg/kg
247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]			
(3:1)			

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

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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)		

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

Carcinogenicity

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

# Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
reaction mass of: 5-chloro-2-methyl-4-	Ingestion	Not classified for female reproduction	Rat	NOAEL 10	2 generation

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isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220- 239-6] (3:1)				mg/kg/day	
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	Type	Exposure	Test endpoint	Test result
reaction mass of: 5-	55965-84-9	Activated sludge	Experimental	3 hours	NOEC	0.91 mg/l
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)						
reaction mass of: 5-	55965-84-9	Bacteria	Experimental	16 hours	EC50	5.7 mg/l
chloro-2-methyl-4-						
isothiazolin-3-one						
[EC no. 247-500-						
7]and 2-methyl-						

			1	1		
2H-isothiazol-3-						
one [EC no. 220-						
239-6] (3:1)						
reaction mass of: 5-	55965-84-9	Copepod	Experimental	48 hours	EC50	0.007 mg/l
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)						
reaction mass of: 5-	55965-84-9	Diatom	Experimental	72 hours	ErC50	0.0199 mg/l
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)	55065.04.0		-	70.1	F 050	0.005 //
reaction mass of: 5-	33965-84-9	Green algae	Experimental	72 hours	ErC50	0.027 mg/l
chloro-2-methyl-4-			1			
isothiazolin-3-one			1			
[EC no. 247-500-			1			
7]and 2-methyl-			1			
2H-isothiazol-3-			1			
one [EC no. 220- 239-6] (3:1)			1			
reaction mass of: 5-	55965-84 0	Rainbow trout	Experimental	96 hours	LC50	0.19 mg/l
chloro-2-methyl-4-	33903-04-9	Kambow trout	Experimental	90 Hours	LC30	0.19 mg/1
isothiazolin-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	Sheepshead	Experimental	96 hours	LC50	0.3 mg/l
chloro-2-methyl-4-		Minnow	F			3
isothiazolin-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	Water flea	E : 4.1			
chloro-2-methyl-4-		water nea	Experimental	48 hours	EC50	0.099 mg/l
igothiogolin 2 or -		water fiea	Experimental	48 hours	EC50	0.099 mg/l
isothiazolin-3-one		water flea	Experimental	48 hours	EC50	0.099 mg/l
[EC no. 247-500-		water nea	Experimental	48 hours	EC50	0.099 mg/l
[EC no. 247-500-7]and 2-methyl-		water nea	Experimental	48 hours	EC50	0.099 mg/l
[EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-		water nea	Experimental	48 hours	EC50	0.099 mg/l
[EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-		water nea	Experimental	48 hours	EC50	0.099 mg/l
[EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	550(5.04.0					
[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	Diatom	Experimental	48 hours	EC50	0.099 mg/l 0.00049 mg/l
[EC no. 247-500-7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of: 5- chloro-2-methyl-4-	55965-84-9					
[EC no. 247-500-7]and 2-methyl- 2H-isothiazol-3- one [EC no. 220- 239-6] (3:1) reaction mass of: 5- chloro-2-methyl-4- isothiazolin-3-one	55965-84-9					
[EC no. 247-500-7]and 2-methyl-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-	55965-84-9					
[EC no. 247-500-7]and 2-methyl-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-	55965-84-9					
[EC no. 247-500-7]and 2-methyl-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-	55965-84-9					
[EC no. 247-500-7]and 2-methyl-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-	55965-84-9					
[EC no. 247-500-7]and 2-methyl-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)		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-						
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-chloro-2-methyl-4-		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) 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-		Diatom	Experimental	48 hours	NOEC	0.00049 mg/l
[EC no. 247-500-7]and 2-methyl-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) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3-	55965-84-9	Diatom Fathead minnow	Experimental  Experimental	48 hours	NOEC	0.00049 mg/l 0.02 mg/l
[EC no. 247-500-7]and 2-methyl-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) 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	Diatom	Experimental	48 hours  36 days	NOEC	0.00049 mg/l

isothiazolin-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- 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	Water flea	Experimental	21 days	NOEC	0.004 mg/l

# 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	CO2 evolution	62 %CO2	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-	55965-84-9	Experimental		Hydrolytic half-life	> 60 days (t 1/2)	
chloro-2-methyl-4-		Hydrolysis		(pH 7)		
isothiazolin-3-one						
[EC no. 247-500-						
7]and 2-methyl-						
2H-isothiazol-3-						
one [EC no. 220-						
239-6] (3:1)						

# 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		Experimental Mobility in Soil	Koc	10 l/kg	OECD 106 Adsp-Desb Batch Equil
[EC no. 220-239-6] (3:1)					

#### 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 the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE 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)

070601\* Aqueous washing liquids and mother liquors

# **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	No data available.	No data available.	No data available.

IBC Code			
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.

# <u>Ingredient</u> <u>CAS Nbr</u>

reaction mass of: 5-chloro-2-methyl-4-isothiazolin- 55965-84-9 3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-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 manufacturer for more information The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

# 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	Upper-tier requirements

\_\_\_\_\_

		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

ELIDO71

## 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

EUUU/I	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.

Corrective to the respiratory tract

# **Revision information:**

Section 6: Accidental release personal information information was modified.

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.

# Meguiar's, Inc. SDSs for Great Britain are available at www.3M.com/uk

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