

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

G162, Ultimate Interior Detailer (23-177D): G16216

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: Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF

Telephone: +44 (0)870 241 6696 E Mail: info@meguiars.co.uk Website: www.meguiars.co.uk

1.4. Emergency telephone number

+44 (0)870 241 6696

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

HAZARD STATEMENTS:

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international

regulations.

SUPPLEMENTAL INFORMATION

Supplemental Hazard Statements:

EUH208 Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-

isothiazol-3-one. | 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

2% of the mixture consists of components of unknown acute oral toxicity.

4% of the mixture consists of components of unknown acute dermal toxicity.

Contains 27% of components with unknown hazards to the aquatic environment.

Notes on labelling

Updated per Regulation (EC) No. 648/2004 on detergents.

Ingredients required per 648/2004: <5%: Aliphatic hydrocarbons. <5%: Non-ionic surfactants. Contains: Perfumes, benzyl benzoate, geraniol, benzisothiazolinone, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non Hazardous ingredient	Mixture		60 - 80	
Siloxanes and silicones, di-Me	63148-62-9		10 - 30	
Acrylic polymer	Trade Secret		1 - 5	
Siloxanes and silicones, Di-Me, hydroxy-terminated	70131-67-8		1 - 5	
White mineral oil (petroleum)	8042-47-5	EINECS 232- 455-8	1 - 5	Asp. Tox. 1, H304 (Self Classified)
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9		1 - 5	Acute Tox. 4, H302; Eye Dam. 1, H318 (Self Classified)
Benzyl Benzoate	120-51-4	EINECS 204- 402-9	< 0.3	Acute Tox. 4, H302; Aquatic Chronic 2, H411 (CLP) Aquatic Acute 1, H400,M=1 (Self Classified)
1,2-Benzisothiazol-3(2H)-one	2634-33-5	EINECS 220- 120-9	< 0.05	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1, H317; Aquatic Acute 1, H400,M=10 (CLP)
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9		< 0.0015	Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=10 (CLP)

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

Please refer to section 15 for any applicable Notas that have been applied to the above components

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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

No need for first aid is anticipated.

Eve contact

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

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

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

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.

Condition

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

Evacuate area. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

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

Down 2 of

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 breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

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

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.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid.

Appearance/Odour White to translucent; Citrus odour

Odour threshold No data available.

pH 9.5 - 10.5 Boiling point/boiling range 100 °C

Melting pointNo data available.Flammability (solid, gas)Not applicable.Explosive propertiesNot classifiedOxidising propertiesNot classified

Flash point [Test Method: Closed Cup]

Autoignition temperatureNo data available.Flammable Limits(LEL)No data available.Flammable Limits(UEL)No data available.

Relative density 0.99 [*Ref Std*:WATER=1]

Water solubility Complete

Solubility- non-waterNo data available.Partition coefficient: n-octanol/waterNo data available.Evaporation rateNo data available.Vapour densityNo data available.Decomposition temperatureNo data available.ViscosityNo data available.Density0.99 g/ml

9.2. Other information

Volatile organic compounds (VOC)0 % weight [Test Method:calculated per CARB title 2]Volatile organic compounds (VOC)44 g/l [Test Method:calculated SCAQMD rule 443.1]VOC less H2O & exempt solvents77 g/l [Test Method:calculated SCAQMD rule 443.1]

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

Heat.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

<u>Substance</u> <u>Condition</u>

None known.

Decay 5 of

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU 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 Toxicological effects

Signs and Symptoms of Exposure

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

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin contact

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

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

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

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	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Siloxanes and silicones, di-Me	Dermal	Rabbit	LD50 > 19,400 mg/kg
Siloxanes and silicones, di-Me	Ingestion	Rat	LD50 > 17,000 mg/kg
Siloxanes and silicones, Di-Me, hydroxy-terminated	Dermal	Rabbit	LD50 > 16,000 mg/kg
Siloxanes and silicones, Di-Me, hydroxy-terminated	Ingestion	Rat	LD50 > 64,000 mg/kg
White mineral oil (petroleum)	Dermal	Rabbit	LD50 > 2,000 mg/kg
Alcohols, C11-14-iso-, C13-rich, ethoxylated	Ingestion	Rat	LD50 1,350 mg/kg
White mineral oil (petroleum)	Ingestion	Rat	LD50 > 5,000 mg/kg
Benzyl Benzoate	Dermal	Rabbit	LD50 4,000 mg/kg
Benzyl Benzoate	Ingestion	Rat	LD50 1,894 mg/kg
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Dermal	Rabbit	LD50 87 mg/kg
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Inhalation- Dust/Mist	Rat	LC50 0.33 mg/l
	(4 hours)		
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Skii Corrosion/irritation							
Name	Species	Value					
Siloxanes and silicones, di-Me	Rabbit	No significant irritation					

Alcohols, C11-14-iso-, C13-rich, ethoxylated	Rabbit	Mild irritant
White mineral oil (petroleum)	Rabbit	No significant irritation
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	Rabbit	Corrosive
one		

Serious Eye Damage/Irritation

Name	Species	Value
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
Alcohols, C11-14-iso-, C13-rich, ethoxylated	Rabbit	Corrosive
White mineral oil (petroleum)	Rabbit	Mild irritant
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	Rabbit	Corrosive
one		

Skin Sensitisation

Name	Species	Value
Alcohols, C11-14-iso-, C13-rich, ethoxylated	Human	Some positive data exist, but the data are not sufficient for classification
White mineral oil (petroleum)	Guinea pig	Not sensitising
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Human and	Sensitising
	animal	

Photosensitisation

Name	Species	Value
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	Human	Not sensitising
one	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

Germ Cen Mutagementy					
Name	Route	Value			
Siloxanes and silicones, Di-Me, hydroxy-terminated	In Vitro	Not mutagenic			
White mineral oil (petroleum)	In Vitro	Not mutagenic			
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	In vivo	Not mutagenic			
one					
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-	In Vitro	Some positive data exist, but the data are not			
one		sufficient for classification			

Carcinogenicity

Name	Route	Species	Value
White mineral oil (petroleum)	Dermal	Mouse	Not carcinogenic
White mineral oil (petroleum)	Inhalation	Multiple	Not carcinogenic
		animal	
		species	
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-	Dermal	Mouse	Not carcinogenic
2H-isothiazol-3-one			
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-	Ingestion	Rat	Not carcinogenic
2H-isothiazol-3-one			

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
White mineral oil (petroleum)	Ingestion	Not toxic to female reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks

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White mineral oil (petroleum)	Ingestion	Not toxic to male reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White mineral oil (petroleum)	Ingestion	Not toxic to development	Rat	NOAEL 4,350 mg/kg/day	during gestation
Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one and 2-methyl-2H- isothiazol-3-one	Ingestion	Not toxic to female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one and 2-methyl-2H- isothiazol-3-one	Ingestion	Not toxic to male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one and 2-methyl-2H- isothiazol-3-one	Ingestion	Not toxic to development	Rat	NOAEL 15 mg/kg/day	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Specific ranger organ	I Omicity ,	mgic enposure				
Name	Route	Target Organ(s)	Value	Species	Test result	Exposure
						Duration
Mixture of 5-chloro-2-	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
methyl-2H-isothiazol-3-			data are not sufficient for	health	available	
one and 2-methyl-2H-			classification	hazards		
isothiazol-3-one						

Specific Target Organ Toxicity - repeated exposure

specific ranger organ	- 0	repeated exposure	•			
Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
White mineral oil (petroleum)	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,381 mg/kg/day	90 days
White mineral oil (petroleum)	Ingestion	liver immune system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,336 mg/kg/day	90 days

Aspiration Hazard

Name	Value
White mineral oil (petroleum)	Aspiration hazard

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.

SECTION 12: Ecological information

The information below may not agree with the EU 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 Nbr	Organism	Type	Exposure	Test endpoint	Test result
Siloxanes and	63148-62-9		Data not			
silicones, di-			available or			
Me			insufficient for			
			classification			
Mixture of 5-	55965-84-9	Green algae	Experimental	96 hours	EC50	0.062 mg/l
chloro-2-						-

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methyl-2H-						
isothiazol-3-						
one and 2-						
methyl-2H-						
isothiazol-3-						
one	550(5.04.0	W-4 Cl	F	40 1	EC50	0.10 /1
Mixture of 5-	55965-84-9	Water flea	Experimental	48 hours	EC50	0.18 mg/l
chloro-2-						
methyl-2H-						
isothiazol-3-						
one and 2-						
methyl-2H-						
isothiazol-3-						
one						
Mixture of 5-	55965-84-9	Rainbow trout	Experimental	96 hours	LC50	0.07 mg/l
chloro-2-						
methyl-2H-						
isothiazol-3-						
one and 2-						
methyl-2H-						
isothiazol-3-						
one						
Mixture of 5-	55965-84-9	Water flea	Experimental	21 days	NOEC	0.172 mg/l
chloro-2-			F			3
methyl-2H-						
isothiazol-3-						
one and 2-						
methyl-2H-						
isothiazol-3-						
one						
Siloxanes and	70131-67-8		Data not			
silicones, Di-	,0151 0, 0		available or			
Me, hydroxy-			insufficient for			
terminated			classification			
White mineral	8042-47-5	Water flea	Experimental	21 days	NOEC	>100 mg/l
oil (petroleum)	0042-47-3	water fied	Experimental	21 days	NOLC	- 100 mg/1
White mineral	8042-47-5	Bluegill	Experimental	96 hours	Lethal Level	>100 mg/l
	0042-47-3	Diuegiii	Experimentar	90 Hours	50%	~100 Hig/1
oil (petroleum)	2624 22 5	A 1	F	72 1		0.15 /1
	2634-33-5	Algae	Experimental	72 hours	EC50	0.15 mg/l
Benzisothiazol						
-3(2H)-one	2624.22.5	TT	E	40.1	DO50	
1,2-	2634-33-5	Water flea	Experimental	48 hours	EC50	4.4 mg/l
Benzisothiazol						
-3(2H)-one						
1,2-	2634-33-5	Rainbow trout	Experimental	96 hours	LC50	1.6 mg/l
Benzisothiazol						
-3(2H)-one						
1,2-	2634-33-5	Crustacea	Experimental	48 hours	EC50	0.062 mg/l
Benzisothiazol						
-3(2H)-one						
Alcohols, C11-	78330-21-9		Data not			
14-iso-, C13-			available or			
rich,			insufficient for			
ethoxylated			classification			
Benzyl	120-51-4	Green Algae	Experimental	72 hours	EC50	0.475 mg/l
	l .		1		1	σ

Benzoate						
Benzyl	120-51-4	Green Algae	Experimental	72 hours	NOEC	0.247 mg/l
Benzoate						

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Siloxanes and silicones, di- Me	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Mixture of 5- chloro-2- methyl-2H- isothiazol-3- one and 2- methyl-2H- isothiazol-3- one	55965-84-9	Experimental Biodegradation	28 days	CO2 evolution	48 % weight	Other methods
Siloxanes and silicones, Di- Me, hydroxy- terminated	70131-67-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
White mineral oil (petroleum)	8042-47-5	Experimental Biodegradation	28 days	CO2 evolution	0 % weight	OECD 301B - Modified sturm or CO2
1,2- Benzisothiazol -3(2H)-one	2634-33-5	Experimental Biodegradation	28 days	BOD	0 % weight	OECD 301C - MITI test (I)
Alcohols, C11- 14-iso-, C13- rich, ethoxylated	78330-21-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Benzyl Benzoate	120-51-4	Experimental Biodegradation	28 days	BOD	90 % weight	OECD 301C - MITI test (I)

12.3 : Bioaccumulative potential

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Siloxanes and	63148-62-9	Data not	N/A	N/A	N/A	N/A
silicones, di-		available or				
Me		insufficient for				
		classification				
Mixture of 5-	55965-84-9	Estimated		Log Kow	0.5	Other methods
chloro-2-		Bioconcentrati				
methyl-2H-		on				
isothiazol-3-						
one and 2-						
methyl-2H-						
isothiazol-3-						
one						
Siloxanes and	70131-67-8	Data not	N/A	N/A	N/A	N/A
silicones, Di-		available or				
Me, hydroxy-		insufficient for				
terminated		classification				
White mineral	8042-47-5	Data not	N/A	N/A	N/A	N/A

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oil (petroleum)		available or				
		insufficient for				
		classification				
1,2-	2634-33-5	Experimental		Log Kow	1.45	Other methods
Benzisothiazol		Bioconcentrati				
-3(2H)-one		on				
Alcohols, C11-	78330-21-9	Data not	N/A	N/A	N/A	N/A
14-iso-, C13-		available or				
rich,		insufficient for				
ethoxylated		classification				
Benzyl	120-51-4	Estimated		Bioaccumulati	48	Estimated:
Benzoate		Bioconcentrati		on factor		Bioconcentration factor
		on				

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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)

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

SECTION 14: Transportation information

ADR/IATA/IMDG: Not restricted for transport.

SECTION 15: Regulatory information

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

Global inventory status

Contact manufacturer for more information The components of this product are in compliance with the chemical notification requirements of TSCA.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic 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.
H331	Toxic if inhaled.
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.
H412	Harmful to aquatic life with long lasting effects.

Revision information:

Revision Changes:

Section 01: 1.3. Details of the supplier of the safety data sheet heading information was modified.

Section 3: Composition/ Information of ingredients table information was modified.

Section 12: Component ecotoxicity information information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12:Bioccumulative potential information information was modified.

Copyright information was modified.

Section 1: Initial issue message information was modified.

Contains statement for sensitizers information was modified.

Section 3: Reference to section 15 for Nota info information was modified.

Section 11: Skin Sensitization Table information was modified.

Photosensitisation Table information was modified.

Section 5: Fire - Advice for fire fighters information information was modified.

List of sensitizers information was modified.

Section 12: No PBT/vPvB information available warning information was added.

Section 11: Aspiration Hazard table - Name heading information was added.

Section 11: Aspiration Hazard table - Value heading information was added.

Section 11: Respiratory Sensitization text information was added.

Section 11: Skin Sensitization table - Name heading information was added.

Section 11: Skin Sensitization table - Species heading information was added.

Section 11: Skin Sensitization table - Value heading information was added.

Section 11: Serious Eye Damage/Irritation table - Name heading information was added.

Section 11: Serious Eye Damage/Irritation table - Species heading information was added.

Section 11: Serious Eye Damage/Irritation table - Value heading information was added.

Section 11: Skin Corrosion/Irritation table - Name heading information was added.

Section 11: Skin Corrosion/Irritation table - Species heading information was added.

Section 11: Skin Corrosion/Irritation table - Value heading information was added.

Section 11: Germ Cell Mutagenicity table - Name heading information was added.

Section 11: Germ Cell Mutagenicity table - Route heading information was added. Section 11: Germ Cell Mutagenicity table - Value heading information was added.

Section 11: Specific Target Organ Toxicity - repeated exposure table - Name heading information was added.

Section 11: Specific Target Organ Toxicity - repeated exposure table - Route heading information was added.

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Section 11: Specific Target Organ Toxicity - repeated exposure table - Target Organ(s) heading information was added.
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Section 11: Specific Target Organ Toxicity - repeated exposure table - Species heading information was added.

Section 11: Specific Target Organ Toxicity - repeated exposure table - Test Result heading information was added.

Section 11: Specific Target Organ Toxicity - repeated exposure table - Exposure Duration heading information was added.

Section 11: Specific Target Organ Toxicity - single exposure table - Name heading information was added. Section 11: Specific Target Organ Toxicity - single exposure table - Route heading information was added.

Section 11: Specific Target Organ Toxicity - single exposure table - Target Organ(s) heading information was added.

Section 11: Specific Target Organ Toxicity - single exposure table - Value heading information was added.

Section 11: Specific Target Organ Toxicity - single exposure table - Species heading information was added.

Section 11: Specific Target Organ Toxicity - single exposure table - Test Result heading information was added.

Section 11: Specific Target Organ Toxicity - single exposure table - Exposure Duration heading information was added.

Section 11: Reproductive and/or Developmental Effects table - Name heading information was added.

Section 11: Reproductive and/or Developmental Effects table - Route heading information was added.

Section 11: Reproductive and/or Developmental Effects table - Value heading information was added.

Section 11: Reproductive and/or Developmental Effects table - Species heading information was added.

Section 11: Reproductive and/or Developmental Effects table - Test Result heading information was added.

Section 11: Reproductive and/or Developmental Effects text information was added.

Section 11: Carcinogenicity table - Name heading information was added.

Section 11: Carcinogenicity table - Route heading information was added.

Section 11: Carcinogenicity table - Species heading information was added.

Section 11: Carcinogenicity table - Value heading information was added.

Section 03: Reference to H statement explanation in Section 016 information was added.

Remark (phrase) information was deleted.

Section 16: List of relevant R-phrases information was deleted.

Section 16: List of relevant R phrase information information was deleted.

Section 2: Notes on labelling heading information was deleted.

Section 2: EU Detergent Regulation label remarks information was deleted.

Section 11: Exposure Duration table heading information was deleted.

Section 11: Test Result table heading information was deleted.

Section 3: Reference to R and H statement explanation in Section 16 information was deleted.

Section 12: PBT/vPvB table CAS No. column heading information was deleted.

Section 12: PBT/vPvB table CAS No. column heading information was deleted.

Section 12: PBT/vPvB table PBT/vPvB Status column heading information was deleted.

Section 12: PBT/vPvB table row information was deleted.

Section 2: 2.2 & 2.3. DSD/DPD heading information was deleted.

Section 2.1: Classification information information was deleted.

Section 02: EU DPD 'Not applicable' text information was deleted.

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.

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Section 11: Specific Target Organ Toxicity - repeated exposure table - Value heading information was added.