

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

Meguiar's Hybrid Ceramic Liquid Wax G2004 [G200416]

Product Identification Numbers

14-1001-3166-4 14-1001-5570-5

7012490372 7100315555

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

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.

The aspiration hazard classification is not required due to the product's viscosity.

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 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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	60 - 100	Substance not classified as hazardous
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	(EC-No.) 920-901-0	10 - 15	Asp. Tox. 1, H304 EUH066
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	(EC-No.) 927-676-8	1 - 5	Asp. Tox. 1, H304 EUH066
1,2-benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9	< 0.05	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 1, H410,M=1

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
` /	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9	(C >= 0.05%) Skin Sens. 1, 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.

Eve contact

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, 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

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
formaldehyde	During combustion.
Carbon monoxide	During combustion.
Carbon dioxide.	During combustion.
Irritant vapours or gases.	During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. 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. 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. 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

Avoid eye contact. Keep out of reach of children. 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 acids. Store away from strong bases.

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

None required.

Material

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended:

Polymer laminate No data available No data available

Thickness (mm)

Breakthrough Time

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

Applicable Norms/Standards Use gloves tested to EN 374

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateLiquid.ColourOff-WhiteOdorUnique

Odour thresholdNo data available.Melting point/freezing pointNot applicable.

Boiling point/boiling range 100 °C

Flammability (solid, gas)

Flammable Limits(LEL)

Flammable Limits(UEL)

No data available.

No data available.

Flash point >= 93.3 °C [Test Method: Pensky-Martens Closed Cup]

Autoignition temperatureNo data available.Decomposition temperatureNo data available.

pH 8.8 - 9.5
Kinematic Viscosity 8,947 mm²/sec
Water solubility Miscible

Solubility- non-waterNo data available.Partition coefficient: n-octanol/waterNo data available.Vapour pressureNo data available.Density0.9 g/cm3 - 1 g/cm3

Relative density 0.9 - 1 [*Ref Std:* WATER=1]

Relative Vapour Density No data available.

9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic Compounds

Evaporation rate

No data available.

No data available.

No data available.

No data available.

Percent volatile 94.5 % 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

None known.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products

Substance

Condition

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

No known health effects.

Skin contact

Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Eye contact

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

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	Inhalation-		No data available; calculated ATE >50 mg/l
	Vapour(4		
	hr)		
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Inhalation-		LC50 estimated to be 20 - 50 mg/l
	Vapour		_
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Dermal	Rabbit	LD50 > 5,000 mg/kg
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Ingestion	Rat	LD50 > 5,000 mg/kg
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	Inhalation-	Professio	LC50 estimated to be 20 - 50 mg/l
	Vapour	nal	
		judgeme	
		nt	

Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	Inhalation- Dust/Mist (4 hours)	Rat	LC50 > 5.4 mg/l
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	Dermal	similar compoun ds	LD50 > 5,000 mg/kg
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	Ingestion	similar compoun ds	LD50 > 5,000 mg/kg
1,2-benzisothiazol-3(2H)-one	Dermal	Rat	LD50 > 2,000 mg/kg
1,2-benzisothiazol-3(2H)-one	Ingestion	Rat	LD50 454 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Rabbit	Minimal irritation
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	similar compoun ds	Mild irritant
1,2-benzisothiazol-3(2H)-one	Rabbit	No significant irritation

Serious Eye Damage/Irritation

serious Lye Luminger in the con-		
Name	Species	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Rabbit	Mild irritant
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	similar	No significant irritation
	compoun	
	ds	
1,2-benzisothiazol-3(2H)-one	Rabbit	Corrosive

Skin Sensitisation

Skin Sensitisation		
Name	Species	Value
77 1 1 611 612 1 1 607	G :	NY - 1 - 10" - 1
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Guinea	Not classified
	pig	
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	similar	Not classified
	compoun	
	ds	
1,2-benzisothiazol-3(2H)-one	1	Sensitising

Respiratory Sensitisation

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

Germ Cell Mutagenicity

Oct in Cen Mutagementy		1000
Name	Route	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	In Vitro	Not mutagenic
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	In vivo	Not mutagenic
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	In Vitro	Not mutagenic
1,2-benzisothiazol-3(2H)-one	In vivo	Not mutagenic
1,2-benzisothiazol-3(2H)-one	In Vitro	Some positive data exist, but the data are not
		sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not	Not	Not carcinogenic
	specified	available	

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not specified.	Not classified for female reproduction	Not available	NOAEL NA	1 generation
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not specified.	Not classified for male reproduction	Not available	NOAEL NA	28 days
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not specified.	Not classified for development	Not available	NOAEL NA	during gestation
1,2-benzisothiazol-3(2H)-one	Ingestion	Not classified for female reproduction	Rat	NOAEL 112 mg/kg/day	2 generation
1,2-benzisothiazol-3(2H)-one	Ingestion	Not classified for male reproduction	Rat	NOAEL 112 mg/kg/day	2 generation
1,2-benzisothiazol-3(2H)-one	Ingestion	Not classified for development	Rat	NOAEL 112 mg/kg/day	2 generation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

specific ranger organ	rominately .	mgre exposure				
Name	Route	Target Organ(s)	Value	Species	Test result	Exposure
						Duration
1,2-benzisothiazol-3(2H)-	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
one			data are not sufficient for	health	available	
			classification	hazards		

Specific Target Organ Toxicity - repeated exposure

specific Target Organ	TUAICITY -	repeated exposure				
Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
1,2-benzisothiazol-3(2H)- one	Ingestion	liver hematopoietic system eyes kidney and/or bladder respiratory system	Not classified	Rat	NOAEL 322 mg/kg/day	90 days
1,2-benzisothiazol-3(2H)- one	Ingestion	heart endocrine system nervous system	Not classified	Rat	NOAEL 150 mg/kg/day	28 days

Aspiration Hazard

Name	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Aspiration hazard
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	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.

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.

Hydrocarbons, cycles, cybs aromatics Hydrocarbons, cy	Material	CAS#	Organism	Type	Exposure	Test endpoint	Test result
soalkanes, 296	Hydrocarbons,	920-901-0	Green algae		72 hours	EL50	>1,000 mg/l
	C11-C13,						
Hydrocarbons,	isoalkanes, <2%						
Stimated	aromatics						
Cit-Cit3 costalarias 27% aromatics Hydrocarbons, coll-Cit3 costalarias 27% costalarias 2	Hydrocarbons,	920-901-0	Rainbow trout	Estimated	96 hours	LL50	>1,000 mg/l
Autoration Part P							
Autoration Part P							
Cil-Ci3 Sicollanes, 2% aromatics Hydrocarbons, Cil-Ci3 Sicollanes, 2% aromatics Hydrocarbons, Cil-Ci3 Sicollanes, 2% aromatics Hydrocarbons, Cil-Ci6 Sicollanes, cycles, 2% aromatics Hydrocarbons, Cil-Ci6 Hydrocarbons, Cil-Ci6 Hydrocarbons, Cil-Ci6 Hydr							
Cil-Ci3 Sicollanes, 2% aromatics Hydrocarbons, Cil-Ci3 Sicollanes, 2% aromatics Hydrocarbons, Cil-Ci3 Sicollanes, 2% aromatics Hydrocarbons, Cil-Ci6 Sicollanes, cycles, 2% aromatics Hydrocarbons, Cil-Ci6 Hydrocarbons, Cil-Ci6 Hydrocarbons, Cil-Ci6 Hydr	Hydrocarbons.	920-901-0	Water flea	Estimated	48 hours	EL50	>1.000 mg/l
							, , , , ,
Agriculture							
Ci1-Ci3 Sioulkanes, 2% Sioulkanes,		920-901-0	Green algae	Estimated	72 hours	NOEL	1 000 mg/l
SaolRanes, <2% aromaties		720 701 0	or con urgue	25tmatea	72 110 0115	11022	1,,000 ing 1
Armanics							
Hydrocarbons, C12-C16, soalkanes, cyclics, 2% aromatics							
C12-C16 Sealkanes, cyclics Seal and sea		927-676-8	Green algae	Estimated	72 hours	EL 50	>1 000 mg/l
		127 070 0	Green argue	Estimated	72 110415	LESO	1,000 mg/1
2% aromatics 927-676-8 Green algae Estimated 72 hours NOEL 1,000 mg/l C12-C16, isoalkanes, cyclics, 2% aromatics 927-676-8 Invertebrate Estimated 96 hours LL50 >10,000 mg/l C12-C16, isoalkanes, cyclics, 2% aromatics 927-676-8 Rainbow trout Experimental 96 hours LL50 >88,444 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, 2% aromatics 927-676-8 Water flea Experimental 48 hours EL50 >1,000 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, 2% aromatics 927-676-8 Water flea Experimental 21 days NOEL 1 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, 2% aromatics 927-676-8 Water flea Experimental 21 days NOEL 1 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, 2% aromatics 927-676-8 Water flea Experimental 21 days NOEL 1 mg/l 1-2-benzisothiazol-3c2H)-one 2634-33-5 Green algae Experimental 72 hours ErC50 0.11 mg/l 1-2-benzisothiazol-3c2H)-one 2634-33-5 Mater flea <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
Hydrocarbons, C12-C16, soalkanes, cyclies, 2% aromatics Hydro							
C12-C16, soalkanes, cyclics, ≥% aromatics Hydrocarbons, C12-C16, soalkanes, cyclics,		927-676-8	Green algae	Estimated	72 hours	NOFI	1 000 mg/l
		727 070 0	Green argue	Limated	72 Hours	NOLL	1,000 mg/1
2% aromatics Invertebrate Estimated 96 hours LL50 >10,000 mg/l 2°C 2°C (12-C16, isoalkanes, cyclics, soalkanes, cyclics,							
Hydrocarbons, C12-C16, isoalkanes, cyclics, ≥% aromatics Post of the properties Post of t							
Ci2-C16, isoalkanes, cyclics, <2% aromatics Hydrocarbons, C12-C16, isoalkanes, cyclics, 2634-33-5 Hydrocarbons, C12-C10, isoalkanes, cyclics, 2634-33-5 Hydrocarbons,		927-676-8	Invertebrate	Estimated	96 hours	1.1.50	>10.000 mg/l
		727-070-0	Invertebrate	Limated	70 Hours	LESO	- 10,000 mg/1
2% aromatics Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics 927-676-8 Rainbow trout Experimental 96 hours LL50 >88,444 mg/l 2½% aromatics Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics P37-676-8 Water flea Experimental 48 hours EL50 >1,000 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics P37-676-8 Water flea Experimental 21 days NOEL 1 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics P37-676-8 Water flea Experimental 21 days NOEL 1 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics P37-676-8 Water flea Experimental 21 days NOEL 1 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics P37-676-8 Water flea Experimental 21 days NOEL 1 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, -2% aromatics P37-676-8 Water flea Experimental 21 days NOEL 1 mg/l 1,2-benzisothiazol-3(2H)-one P38-33-5 Reinbow trout Experimental 96 hours LC50 16.7 mg/l							
Hydrocarbons, C12-C16, Sacalkanes, cyclics, ≥% aromatics							
C12-C16, isoalkanes, cyclics, 2% aromatics Hydrocarbons, C12-C16, isoalkanes, cyclics, 2% aromatics 1,2-benzisothiazol- 3(2H)-one 1,2-benzis		027 676 8	Painbow trout	Evperimental	06 hours	1150	\
		927-070-8	Kambow trout	Experimental	90 Hours	LLSO	- 86,444 mg/1
<2% aromatics Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics Water flea Experimental 48 hours EL50 >1,000 mg/l Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics							
Hydrocarbons, C12-C16, Separation Sepa							
C12-C16,		927-676-8	Water flea	Evnerimental	48 hours	FI 50	>1 000 mg/l
		727-070-0	water fiea	Experimental	46 HOUIS	LESO	- 1,000 mg/1
<2% aromatics Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics Bydrocarbons, c12-benzisothiazol- 2634-33-5 Water flea Experimental Experimental 21 days NOEL 1 mg/l 1,2-benzisothiazol- isoalkanes, cyclics, <2% aromatics							
Hydrocarbons, C12-C16, Separation Sepa							
C12-C16, isoalkanes, cyclies, se2% aromatics 2% aromatics 1,2-benzisothiazol-3(2H)-one 2634-33-5 Green algae Experimental 72 hours ErC50 0.11 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Rainbow trout Experimental 96 hours LC50 1.6 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Sheepshead Minnow Experimental 48 hours EC50 2.9 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Green algae Experimental 72 hours NOEC 0.0403 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Activated sludge Experimental 3 hours EC50 12.8 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Bobwhite quail Experimental 14 days LD50 617 mg per kg of bodyweight 1,2-benzisothiazol-3(2H)-one 2634-33-5 Cabbage Experimental 14 days EC50 200 mg/kg (Dry Weight) 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Cabbage Experimental 14 days EC50 200 mg/kg (Dry Weight) 1,2-benzi		027 676 8	Water flea	Evperimental	21 days	NOEI	1 mg/l
Soalkanes, cyclics,		1727-070-0	water fiea	Experimental	21 days	NOLL	l mg/i
22% aromatics							
1,2-benzisothiazol-3(2H)-one 2634-33-5 Rainbow trout Experimental 72 hours ErC50 0.11 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Rainbow trout Experimental 96 hours LC50 1.6 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Sheepshead Experimental 96 hours LC50 16.7 mg/l 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Water flea Experimental 48 hours EC50 2.9 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Green algae Experimental 72 hours NOEC 0.0403 mg/l 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Bobwhite quail Experimental 14 days LD50 617 mg per kg of bodyweight 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Cabbage Experimental 14 days EC50 200 mg/kg (Dry Weight) 1,2-benzisothiazol-3(2H)-one 2634-33-5 Redworm Experimental 14 days LC50 >410.6 mg/kg (Dry Weight) 1,2-benzisothiazol-3(2H)-one 2634-33-5 Soil microbes Experimental 28 days EC50 >811.5 mg/kg (Dry Weight)							
3(2H)-one 2634-33-5 Rainbow trout Experimental 96 hours LC50 1.6 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Sheepshead Experimental 96 hours LC50 16.7 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Water flea Experimental 48 hours EC50 2.9 mg/l 1,2-benzisothiazol-3(2H)-one 2634-33-5 Green algae Experimental 72 hours NOEC 0.0403 mg/l 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Activated sludge Experimental 3 hours EC50 12.8 mg/l 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Bobwhite quail Experimental 14 days LD50 617 mg per kg of bodyweight 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Redworm Experimental 14 days EC50 200 mg/kg (Dry Weight) 1,2-benzisothiazol-3(2H)-one 2634-33-5 Redworm Experimental 28 days EC50 >811.5 mg/kg (Dry Weight)		2634 33 5	Green algae	Evperimental	72 hours	ErC50	0.11 mg/l
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3(2H)-one	1.2 honzigothiozol	2624 22 5	Dainhou trout	Evnorimental	06 hours	I C50	1.6 mg/l
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3(2H)-one		2624 22 5	Chl	E	06 1	I C50	16.7/1
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3(2H)-one 2634-33-5 Activated sludge Experimental 3 hours EC50 12.8 mg/l 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazol-3(2H)-one 2634-33-5 Bobwhite quail Experimental 14 days LD50 617 mg per kg of bodyweight 1,2-benzisothiazol-3(2H)-one 2634-33-5 Cabbage Experimental 14 days EC50 200 mg/kg (Dry Weight) 1,2-benzisothiazol-3(2H)-one 2634-33-5 Redworm Experimental 14 days LC50 >410.6 mg/kg (Dry Weight) 1,2-benzisothiazol-3(2H)-one 2634-33-5 Soil microbes Experimental 28 days EC50 >811.5 mg/kg (Dry Weight)		2624.22.5		F	72.1	NOEG	0.0402 //
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3(2H)-one Image: Comparison of the com		10 10 10 10		ļ	1	1	1
1,2-benzisothiazol- 3(2H)-one 2634-33-5 Cabbage Experimental 14 days EC50 200 mg/kg (Dry Weight) 1,2-benzisothiazol- 3(2H)-one 2634-33-5 Redworm Experimental 14 days LC50 >410.6 mg/kg (Dry Weight) 1,2-benzisothiazol- 1,2-benzisothiazol- 2634-33-5 Soil microbes Experimental 28 days EC50 >811.5 mg/kg (Dry Weight)		2634-33-5	Bobwhite quail	Experimental	14 days	LD50	61/ mg per kg of bodyweight
3(2H)-one Image: Comparison of the com		1		<u> </u>	1		
1,2-benzisothiazol- 3(2H)-one2634-33-5RedwormExperimental14 daysLC50>410.6 mg/kg (Dry Weight)1,2-benzisothiazol- 1,2-benzisothiazol-2634-33-5Soil microbesExperimental28 daysEC50>811.5 mg/kg (Dry Weight)		2634-33-5	Cabbage	Experimental	14 days	EC50	200 mg/kg (Dry Weight)
3(2H)-one Soil microbes Experimental 28 days EC50 >811.5 mg/kg (Dry Weight)							
1,2-benzisothiazol- 2634-33-5 Soil microbes Experimental 28 days EC50 >811.5 mg/kg (Dry Weight)		2634-33-5	Redworm	Experimental	14 days	LC50	>410.6 mg/kg (Dry Weight)
3(2H)-one		2634-33-5	Soil microbes	Experimental	28 days	EC50	>811.5 mg/kg (Dry Weight)
	3(2H)-one						

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Hydrocarbons,	920-901-0	Estimated	28 days	BOD	31.3 %BOD/ThOD	OECD 301F - Manometric
C11-C13,		Biodegradation				respirometry

isoalkanes, <2% aromatics						
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	927-676-8	Experimental Biodegradation	28 days	BOD	22 %BOD/ThOD	OECD 301F - Manometric respirometry
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental Biodegradation	28 days	BOD	0 %BOD/ThOD	OECD 301C - MITI test (I)
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental Aquatic Inherent Biodegrad.	34 days	Dissolv. Organic Carbon Deplet	17 %removal of DOC	OECD 302A - Modified SCAS Test
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental Biodegradation	21 days	Dissolv. Organic Carbon Deplet	80 %removal of DOC	OECD 303A - Simulated Aerobic
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental Biodegradation		Half-life (t 1/2)	4 hours (t 1/2)	
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental Hydrolysis		Hydrolytic half-life	>1 years (t 1/2)	OECD 111 Hydrolysis func of pH

12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	927-676-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental BCF - Fish	56 days	Bioaccumulation factor	6.62	similar to OECD 305
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Experimental Bioconcentration		Log Kow	1.45	OECD 107 log Kow shke flsk mtd

12.4. Mobility in soil

Material	Cas No.	Test type	Study Type	Test result	Protocol
1,2-benzisothiazol-	2634-33-5	Experimental	Koc	9.33 l/kg	OECD 121 Estim. of Koc by
3(2H)-one		Mobility in Soil		_	HPLC

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

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.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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)

070601* Aqueous washing liquids and mother liquors

SECTION 14: Transportation information

Not hazardous for transportation.

ADR/IATA/IMDG: Not restricted for transport.

	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

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

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 product are in compliance with the new substance notification requirements of CEPA. 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 (tonn	es) for the application of
		Lower-tier requirements	Upper-tier requirements
1,2-benzisothiazol-3(2H)-one	2634-33-5	100	200

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

EUH066	Repeated exposure may cause skin dryness or cracking
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H410	Very toxic to aquatic life with long lasting effects.

Revision information:

GB Section 02: Other hazards phrase information was added.

GB Section 04: Information on toxicological effects information was added.

GB Section 12: Classification Warning information was added.

GB Section 15: Chemical Safety Assessment information was added.

GBSDS Section 14 Transport in bulk - Main Heading information was added.

GBSDS Section 14 UN Number information was added.

Section 1: Product identification numbers information was added.

Section 01: SAP Material Numbers information was added.

Section 02: CLP Classification Statements information was deleted.

Contains statement for sensitizers information was added.

Contains statement for sensitizers information was deleted.

Section 02: GB Classification Statements information was added.

List of sensitizers information was added.

List of sensitizers information was deleted.

Section 2: Other hazards phrase information was deleted.

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

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

Section 03: SCL table information was added.

Section 03: SCL table information was deleted.

Section 04: Information on toxicological effects information was deleted.

Section 11: Acute Toxicity table information was modified.

Section 11: Aspiration Hazard Table information was modified.

Section 11: Carcinogenicity Table information was modified.

Section 11: Classification disclaimer information was deleted.

Section 11: GB Classification disclaimer information was added

Section 11: GB No endocrine disruptor information available warning information was added.

Section 11: Germ Cell Mutagenicity Table information was modified.

Section 11: No endocrine disruptor information available warning information was deleted.

Section 11: Reproductive Toxicity Table information was modified.

Section 11: Serious Eye Damage/Irritation Table information was modified.

Section 11: Skin Corrosion/Irritation Table information was modified.

Section 11: Skin Sensitization Table information was modified.

Section 12: 12.6. Endocrine Disrupting Properties information was deleted.

Section 12: 12.6. Other adverse effects information was added.

Section 12: 12.7. Other adverse effects information was deleted.

Section 12: Classification Warning information was deleted.

Section 12: Component ecotoxicity information information was modified.

Prints No Data if Adverse effects information is not present information was deleted.

Section 12: No endocrine disruptor information available warning information was added.

Section 12: No endocrine disruptor information available warning information was deleted.

Section 12: Persistence and Degradability information information was modified.

Section 12:Bioccumulative potential information information was modified.

Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was deleted.

Section 14 UN Number information was deleted.

Section 15: Chemical Safety Assessment information was deleted.

Section 15: Seveso Substance Text information was added.

Section 15: Seveso Substance Text information was deleted.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was added.

Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was deleted.

Section 16: Web address information was added.

Section 16: Web address 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. 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.meguiars.co.uk

Meguiar's Hybrid Ceramic Liquid Wax G2004 [G200416]
For Northern Ireland documents, please contact your 3M representative to obtain a copy.
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