



## 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

A21, Deep Crystal Polish (20-71B): A2116

#### 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 substance or mixture

**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:

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

##### Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

This product is not classified as hazardous according to EU Directive 1999/45/EC.

#### 2.2. Label elements

CLP REGULATION (EC) No 1272/2008

Not applicable

**SUPPLEMENTAL INFORMATION**

**Supplemental Hazard Statements:**

EUH208 Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1). May produce an allergic reaction.

**Notes on labelling**

H304 is not required on the label due to the product's viscosity  
 Nota N applied to CAS 64742-46-7.

**Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive**

Not applicable

**Notes on labelling**

R65 is not required on the label due to the product's viscosity.

Nota N applied to CAS 64742-46-7.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

<b>Ingredient</b>	<b>CAS Nbr</b>	<b>EU Inventory</b>	<b>% by Wt</b>	<b>Classification</b>
Non-Hazardous Ingredients	Mixture		70 - 90	
Distillates (petroleum), hydrotreated light	64742-47-8	EINECS 265-149-8	10 - 30	Xn:R65 - Nota 4 (EU) R10; R66; R67 (Self Classified)  Asp. Tox. 1, H304 (CLP) Flam. Liq. 3, H226; STOT SE 3, H336; EUH066 (Self Classified)
Kieselguhr, soda ash flux-calcined	68855-54-9	EINECS 272-489-0	1 - 10	
Conditioners	Trade Secret		< 5	
Bentonite	1302-78-9	EINECS 215-108-5	1 - 5	
Glycerin	56-81-5	EINECS 200-289-5	1 - 5	
Distillates (petroleum), hydrotreated middle	64742-46-7	EINECS 265-148-2	1 - 5	Nota N (EU) Xn:R20-65; R66 (Self Classified)  Nota N (CLP) Acute Tox. 4, H332; Asp. Tox. 1, H304; STOT SE 3, H336; EUH066 (Self Classified)
Siloxanes and silicones, di-Me	63148-62-9		0.5 - 1.5	
Quartz	14464-46-1	EINECS 238-455-4	< 0.5	Xn:R48/20 (Vendor)  STOT RE 2, H373 (Vendor)
Quartz	14808-60-7	EINECS 238-878-4	< 0.5	Xn:R48/20 (Vendor)

**A21, Deep Crystal Polish (20-71B): A2116**

				STOT RE 1, H372 (Self Classified)
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9		< 0.001	T:R23-24-25; C:R34; N:R50/53; R43 (EU)  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 R phrases and H statements referred to in this section

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

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation**

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

**Skin contact**

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

**Eye contact**

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

**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**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

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

None inherent in this product.

**Hazardous Decomposition or By-Products****Substance**

Hydrocarbons.  
Carbon monoxide.  
Carbon dioxide.  
Irritant vapours or gases.

**Condition**

During combustion.  
During combustion.  
During combustion.  
During combustion.

**5.3. Advice for fire-fighters**

No unusual fire or explosion hazards are anticipated.

**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. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. 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 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 detergent and 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 contact with oxidising agents (eg. chlorine, chromic acid etc.)

**7.2. Conditions for safe storage including any incompatibilities**

Protect from sunlight. Store away from heat. Store away from acids. Store away from strong bases. 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**

<b>Ingredient</b>	<b>CAS Nbr</b>	<b>Agency</b>	<b>Limit type</b>	<b>Additional comments</b>
Quartz	14464-46-1	Health and Safety Comm. (UK)	TWA(respirable):0.1 mg/m3	
Quartz	14808-60-7	Health and Safety Comm. (UK)	TWA(respirable):0.1 mg/m3	
Glycerin	56-81-5	Health and Safety Comm. (UK)	TWA(as mist):10 mg/m3	
Silicon dioxide	68855-54-9	Health and	TWA(as inhalable dust):6	

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Safety Comm. (UK) mg/m<sup>3</sup>;TWA(as respirable dust):2.4 mg/m<sup>3</sup>

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

### 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 general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

### 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

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.

Gloves made from the following material(s) are recommended: Nitrile rubber.

#### 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 and particulates

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	Pleasant odour; Milky grey emulsion
Odour threshold	<i>No data available.</i>
pH	7 - 8
Boiling point/boiling range	100 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not applicable.
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	93.3 °C [ <i>Test Method</i> :Pensky-Martens Closed Cup] [ <i>Details</i> :D93-90]

<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Flammable Limits(LEL)</b>	<i>No data available.</i>
<b>Flammable Limits(UEL)</b>	<i>No data available.</i>
<b>Vapour pressure</b>	<i>No data available.</i>
<b>Relative density</b>	0.985 - 1 [ <i>Ref Std:WATER=1</i> ]
<b>Water solubility</b>	Moderate
<b>Solubility- non-water</b>	<i>No data available.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Evaporation rate</b>	<i>No data available.</i>
<b>Vapour density</b>	> 1
<b>Decomposition temperature</b>	<i>No data available.</i>
<b>Viscosity</b>	5 - 9.5 Pa-s
<b>Density</b>	0.985 - 1 g/cm <sup>3</sup>

**9.2. Other information**

<b>Volatile organic compounds (VOC)</b>	13.10 % weight
<b>VOC less H<sub>2</sub>O &amp; exempt solvents</b>	479.44 g/l

**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**

Strong acids.  
Strong bases.  
Strong oxidising agents.

**10.6 Hazardous decomposition products**

<u>Substance</u>	<u>Condition</u>
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

**SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be

relevant to the material as a whole.

### 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

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

##### Eye contact

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

##### Ingestion

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	Inhalation-Dust/Mist(4 hr)		No data available; calculated ATE >12.5 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Distillates (petroleum), hydrotreated light	Dermal	Rabbit	LD50 > 3,160 mg/kg
Distillates (petroleum), hydrotreated light	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 3.0 mg/l
Distillates (petroleum), hydrotreated light	Ingestion	Rat	LD50 > 5,000 mg/kg
Kieselguhr, soda ash flux-calcined	Dermal	Rabbit	LD50 > 5,000 mg/kg
Kieselguhr, soda ash flux-calcined	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 0.691 mg/l
Kieselguhr, soda ash flux-calcined	Ingestion	Rat	LD50 > 5,110 mg/kg
Distillates (petroleum), hydrotreated middle	Dermal	Rabbit	LD50 > 2,000 mg/kg
Distillates (petroleum), hydrotreated middle	Inhalation-Dust/Mist (4 hours)	Rat	LC50 4.6 mg/l
Distillates (petroleum), hydrotreated middle	Ingestion	Rat	LD50 > 5,000 mg/kg
Glycerin	Dermal	Rabbit	LD50 estimated to be > 5,000 mg/kg
Glycerin	Ingestion	Rat	LD50 > 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
Quartz	Ingestion		LD50 estimated to be > 5,000 mg/kg
Quartz	Dermal		LD50 estimated to be > 5,000 mg/kg
Quartz	Ingestion		LD50 estimated to be > 5,000 mg/kg
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Dermal	Rabbit	LD50 87 mg/kg
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.33 mg/l
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

**A21, Deep Crystal Polish (20-71B): A2116****Skin Corrosion/Irritation**

Name	Species	Value
Distillates (petroleum), hydrotreated light	Rabbit	Mild irritant
Kieselguhr, soda ash flux-calcined	Rabbit	No significant irritation
Distillates (petroleum), hydrotreated middle	Rabbit	Minimal irritation
Glycerin	Rabbit	No significant irritation
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
Quartz		No significant irritation
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Rabbit	Corrosive

**Serious Eye Damage/Irritation**

Name	Species	Value
Distillates (petroleum), hydrotreated light	Rabbit	Mild irritant
Kieselguhr, soda ash flux-calcined	Rabbit	No significant irritation
Distillates (petroleum), hydrotreated middle	Not available	Mild irritant
Glycerin	Rabbit	No significant irritation
Siloxanes and silicones, di-Me	Rabbit	No significant irritation
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Rabbit	Corrosive

**Skin Sensitisation**

Name	Species	Value
Distillates (petroleum), hydrotreated light	Guinea pig	Not sensitizing
Kieselguhr, soda ash flux-calcined	Human and animal	Not sensitizing
Glycerin	Guinea pig	Not sensitizing
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Human and animal	Sensitising

**Photosensitisation**

Name	Species	Value
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Human and animal	Not sensitizing

**Respiratory Sensitisation**

Name	Species	Value

**Germ Cell Mutagenicity**

Name	Route	Value
Distillates (petroleum), hydrotreated light	In Vitro	Not mutagenic
Kieselguhr, soda ash flux-calcined	In Vitro	Not mutagenic
Distillates (petroleum), hydrotreated middle	In Vitro	Some positive data exist, but the data are not sufficient for classification
Quartz	In Vitro	Some positive data exist, but the data are not sufficient for classification
Quartz	In vivo	Some positive data exist, but the data are not sufficient for classification
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	In vivo	Not mutagenic
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	In Vitro	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value



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Distillates (petroleum), hydrotreated light	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Kieselguhr, soda ash flux-calcined	Not specified.	Mouse	Some positive data exist, but the data are not sufficient for classification
Distillates (petroleum), hydrotreated middle	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Glycerin	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
Quartz	Inhalation	Human and animal	Carcinogenic.
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Dermal	Mouse	Not carcinogenic
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Ingestion	Rat	Not carcinogenic

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
Kieselguhr, soda ash flux-calcined	Ingestion	Not toxic to female reproduction	Rat	NOAEL 509 mg/kg/day	1 generation
Kieselguhr, soda ash flux-calcined	Ingestion	Not toxic to male reproduction	Rat	NOAEL 497 mg/kg/day	1 generation
Kieselguhr, soda ash flux-calcined	Ingestion	Not toxic to development	Rat	NOAEL 1,350 mg/kg/day	during organogenesis
Glycerin	Ingestion	Not toxic to female reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
Glycerin	Ingestion	Not toxic to male reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
Glycerin	Ingestion	Not toxic to development	Rat	NOAEL 2,000 mg/kg/day	2 generation
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Ingestion	Not toxic to female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Ingestion	Not toxic to male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Ingestion	Not toxic to 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
Distillates (petroleum), hydrotreated light	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL Not available	
Distillates (petroleum), hydrotreated light	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Distillates (petroleum), hydrotreated middle	Inhalation	central nervous system depression   respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL NA	
Distillates (petroleum), hydrotreated middle	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Not available	NOAEL NA	
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

**A21, Deep Crystal Polish (20-71B): A2116****Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Kieselguhr, soda ash flux-calcined	Inhalation	respiratory system   silicosis	All data are negative	Human	NOAEL Not available	occupational exposure
Glycerin	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 3.91 mg/l	14 days
Glycerin	Inhalation	heart   liver   kidney and/or bladder	All data are negative	Rat	NOAEL 3.91 mg/l	14 days
Glycerin	Ingestion	endocrine system   hematopoietic system   liver   kidney and/or bladder	All data are negative	Rat	NOAEL 10,000 mg/kg/day	2 years
Quartz	Inhalation	silicosis	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure

**Aspiration Hazard**

Name	Value
Distillates (petroleum), hydrotreated light	Aspiration hazard
Distillates (petroleum), hydrotreated middle	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 be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

**12.1. Toxicity**

No product test data available.

Material	CAS Nbr	Organism	Type	Exposure	Test endpoint	Test result
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	Green algae	Experimental	96 hours	EC50	0.062 mg/l
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	Rainbow trout	Experimental	96 hours	LC50	0.07 mg/l
Mixture of: 5-chloro-2-	55965-84-9	Water flea	Experimental	21 days	NOEC	0.172 mg/l

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methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)						
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	Water flea	Experimental	48 hours	EC50	0.18 mg/l
Bentonite	1302-78-9	Rainbow trout	Laboratory	96 hours	LC50	>19,000 mg/l
Bentonite	1302-78-9		Data not available or insufficient for classification			
Bentonite	1302-78-9		Laboratory			>19,000 mg/l
Quartz	14464-46-1		Data not available or insufficient for classification			
Kieselguhr, soda ash flux-calcined	68855-54-9		Data not available or insufficient for classification			
Glycerin	56-81-5	Goldfish	Experimental	24 hours	LC50	>5,000 mg/l
Glycerin	56-81-5	Water flea	Experimental	24 hours	EC50	>10,000 mg/l
Distillates (petroleum), hydrotreated light	64742-47-8		Data not available or insufficient for classification			
Quartz	14808-60-7		Data not available or insufficient for classification			
Siloxanes and silicones, di-Me	63148-62-9		Data not available or insufficient for classification			
Distillates (petroleum), hydrotreated middle	64742-46-7		Data not available or insufficient for classification			

**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
Bentonite	1302-78-9	Data not	N/A	N/A	N/A	N/A

**A21, Deep Crystal Polish (20-71B): A2116**

		available or insufficient for classification				
Distillates (petroleum), hydrotreated light	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Glycerin	56-81-5	Experimental Biodegradation	14 days	BOD	63 % weight	OECD 301C - MITI test (I)
Kieselguhr, soda ash flux-calcined	68855-54-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	Experimental Biodegradation	28 days	CO2 evolution	48 % weight	Other methods
Quartz	14464-46-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Quartz	14808-60-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Distillates (petroleum), hydrotreated middle	64742-46-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

**12.3 : Bioaccumulative potential**

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
Bentonite	1302-78-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Distillates (petroleum), hydrotreated light	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Glycerin	56-81-5	Experimental Bioconcentration		Log Kow	-1.76	Other methods
Kieselguhr, soda ash flux-calcined	68855-54-9	Data not available or insufficient for	N/A	N/A	N/A	N/A

**A21, Deep Crystal Polish (20-71B): A2116**

		classification				
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	Estimated Bioconcentration		Log Kow	0.5	Other methods
Quartz	14464-46-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Quartz	14808-60-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Distillates (petroleum), hydrotreated middle	64742-46-7	Estimated Bioconcentration		Log Kow	4.61	Estimated: Octanol-water partition coefficient

**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

This product has been classified as a non-hazardous waste. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. 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 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)**

20 01 29\* Detergents containing dangerous substances

**SECTION 14: Transportation information**

ADR: Not restricted for transport.

IMDG: Not restricted for transport.

IATA: Not restricted for transport.

## **SECTION 15: Regulatory information**

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

#### **Carcinogenicity**

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
Quartz	14464-46-1	Grp. 1: Carcinogenic to humans	International Agency for Research on Cancer
Quartz	14808-60-7	Grp. 1: Carcinogenic to humans	International Agency for Research on Cancer

#### **Global inventory status**

Contact manufacturer for more information. The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional 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. The components of this product are in compliance with the new substance notification requirements of CEPA. 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**

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H301	Toxic 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.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### **List of relevant R-phrases**

R10	Flammable.
R20	Harmful by inhalation.
R23	Toxic by inhalation.
R24	Toxic in contact with skin.
R25	Toxic if swallowed.
R34	Causes burns.

R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

**Revision information:**

Revision Changes:

- Section 8: Respiratory protection - recommended respirators information information was modified.
- Section 16: List of relevant R phrase information information was modified.
- Section 3: Composition/ Information of ingredients table information was modified.
- Section 9: Flammability (solid, gas) information information was modified.
- Section 2: Label remarks information was modified.
- Section 16: Regulations - Inventories - EU ONLY information was modified.
- Copyright information was modified.
- Section 8: Occupational exposure limit table information was modified.
- Section 11: Aspiration Hazard Table information was modified.
- Section 11: Acute Toxicity table information was modified.
- Section 11: Carcinogenicity Table information was modified.
- Section 11: Serious Eye Damage/Irritation Table information was modified.
- Section 11: Germ Cell Mutagenicity Table information was modified.
- Section 11: Skin Sensitization Table information was modified.
- Section 11: Reproductive Toxicity Table information was modified.
- Section 11: Skin Corrosion/Irritation Table information was modified.
- Section 11: Target Organs - Repeated Table information was modified.
- Section 11: Target Organs - Single Table information was modified.
- Section 5: Fire - Extinguishing media information information was modified.
- Section 5: Fire - Special hazards information information was modified.
- Section 5: Fire - Advice for fire fighters information information was modified.
- Section 6: Accidental release personal information information was modified.
- Section 6: Accidental release environmental information information was modified.
- Section 6: Accidental release clean-up information information was modified.
- Section 7: Precautions safe handling information information was modified.
- Section 7: Conditions safe storage information was modified.
- Section 10.1: Reactivity information information was modified.
- Section 13: 13.1. Waste disposal note information was modified.
- Section 13: Standard Phrase Category Waste GHS information was modified.
- Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.
- Section 8: Respiratory protection - recommended respirators guide information was added.
- Section 15: Carcinogenicity heading information was added.
- Section 15: Carcinogenicity information information was added.
- Section 15: Carcinogenicity table Regulation column heading information was added.
- Section 15: Carcinogenicity table Ingredient column heading information was added.
- Section 15: Carcinogenicity table CAS No column heading information was added.
- Section 15: Carcinogenicity table Classification column heading information was added.
- Section 12: Component ecotoxicity information information was added.
- Section 12: Persistence and Degradability information information was added.
- Section 12: Biocumulative potential information information was added.
- Section 12: Component Ecotoxicity table Material column header information was added.
- Section 12: Component Ecotoxicity table CAS No column header information was added.
- Section 12: Component Ecotoxicity table Organism column header information was added.
- Section 12: Component Ecotoxicity table Type column header information was added.
- Section 12: Component Ecotoxicity table Exposure column header information was added.
- Section 12: Component Ecotoxicity table End point column header information was added.

Section 12: Component Ecotoxicity table Result column header information was added.  
Section 12: Persistence and degradability table Material column header information was added.  
Section 12: Persistence and degradability table CAS No column header information was added.  
Section 12: Persistence and degradability table Test Type column header information was added.  
Section 12: Persistence and degradability table Duration column header information was added.  
Section 12: Persistence and degradability table Test Result column header information was added.  
Section 12: Persistence and degradability table Protocol column header information was added.  
Section 12: Biocumulative potential table Material column header information was added.  
Section 12: Biocumulative potential table CAS No column header information was added.  
Section 12: Biocumulative potential table CAS No column header information was added.  
Section 12: Biocumulative potential table Test Result column header information was added.  
Section 12: Biocumulative potential table Protocol column header information was added.  
Section 12: Biocumulative potential table Test Type column header information was added.  
Label: CLP Classification - Header information was added.  
Label: CLP Classification information was added.  
Label: CLP Supplemental Hazard Statements - Header information was added.  
Label: CLP Supplemental Information - Header information was added.  
Contains statement for sensitizers information was added.  
Contains statement for sensitizers information was added.  
Contains statement for sensitizers information was added.  
Section 2: Notes on labelling heading information was added.  
Section 15: Label remarks and EU Detergent information was added.  
CLP Remark(phrase) information was added.  
Section 11: Photosensitisation table - Name heading information was added.  
Section 11: Photosensitisation table heading information was added.  
Photosensitisation Table information was added.  
Section 11: Photosensitisation table - Species heading information was added.  
Section 11: Photosensitisation table - Value heading information was added.  
Section 2: 2.2 & 2.3. CLP REGULATION heading information was added.  
Section 8: Personal Protection - Eye information information was added.  
Section 8: Personal Protection - Skin/hand information information was added.  
Section 8: Personal Protection - Respiratory Information information was added.  
Section 12: Persistence and degradability table Study Type column header information was added.  
Section 12: Biocumulative potential table Test Type column header information was added.  
Section 9: Odour Threshold information was added.  
Section 9: Solubility (non-water) information was added.  
Section 09: Decomposition Temperature information was added.  
Not applicable information was added.  
Not applicable information was added.  
Section 10: Hazardous decomposition products during combustion text information was added.  
Section 11: Disclosed components not in tables text information was added.  
Section 8: 8.1.1 Biological limit values table heading information was added.  
Section 8: BLV information was added.  
List of sensitizers information was added.  
Section 9: Flammability (solid, gas) information information was added.  
Section 8: Eye/face protection text information was deleted.  
Section 8: Respiratory protection - recommended respirators information was deleted.  
Section 2: Contains heading information was deleted.  
Section 2: Safety phrases heading information was deleted.  
Section 2: Risk phrases heading information was deleted.  
Section 2: Symbols heading information was deleted.  
Section 15: Symbol information information was deleted.  
Section 15: Symbol information information was deleted.  
Section 2: Label ingredient information information was deleted.  
Section 12: Acute aquatic hazard information information was deleted.  
Section 12: Chronic aquatic hazard heading information was deleted.



Section 12: Acute aquatic hazard heading information was deleted.

Section 12: Chronic aquatic hazard information information was deleted.

Prints No Data if Component ecotoxicity information is not present information was deleted.

Prints No Data if Persistence and Degradability information is not present information was deleted.

Prints No Data if Bioaccumulative potential information is not present information was deleted.

Section 8: mg/m<sup>3</sup> key information was deleted.

Section 8: ppm key information was deleted.

Section 11: Respiratory Sensitization Table information was deleted.

Section 11: UN GHS Classification table heading information was deleted.

Risk phrase - None information was deleted.

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