Safety Data Sheet

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

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

1.1. Product identifier
D166, Ultra Polishing Wax (26-123A): D16616, D16601

Product Identification Numbers
14-1001-1423-1 14-1001-1424-9

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:

E Mail:
Website:

1.4. Emergency telephone number

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 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone. May produce an allergic reaction.

1% of the mixture consists of components of unknown acute oral toxicity.

Contains 1% of components with unknown hazards to the aquatic environment.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:
Contains a biocidal product: Contains C(M)IT/MIT (3:1). May produce an allergic reaction.

Notes on labelling:
H304 is not required on the label due to the product's viscosity
Nota P applied to CASRN 64741-65-7.

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	EC No.	REACH Registration No.	% by Wt	Classification
Water	7732-18-5	231-791-2		50 - 70	Substance not classified as

					hazardous
Petroleum Distillates	64742-48-9	265-150-3		10 - 30	**Asp. Tox. 1**, H304 - Nota P **Aquatic Chronic 2**, H411 **Skin Irrit. 2**, H315; **STOT SE 3**, H336
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics		920-901-0		10 - 30	**Asp. Tox. 1**, H304; **EUH066**, EUH066
Calcined Kaolin	92704-41-1	296-473-8		3 - 7	Substance not classified as hazardous
Poly(Dimethylsiloxane)	63148-62-9			3 - 7	Substance not classified as hazardous
Petroleum Distillates	64742-47-8	265-149-8		3 - 7	**Asp. Tox. 1**, H304 **Aquatic Chronic 2**, H411 **Flam. Liq. 3**, H226; **Skin Irrit. 2**, H315; **STOT SE 3**, H336
Aluminum Oxide	1344-28-1	215-691-6		1 - 5	Substance with a Community level exposure limit in the workplace
Trimethylated Silica	68988-56-7	273-530-5		0.5 - 1.5	Substance not classified as hazardous
Heavy Alkylate Naphtha (Petroleum)	64741-65-7	265-067-2		< 0.5	**Asp. Tox. 1**, H304 - Nota P **Aquatic Chronic 2**, H411 **Flam. Liq. 3**, H226; **STOT SE 3**, H336; **EUH066**, EUH066
Titanium Dioxide	13463-67-7	236-675-5		< 0.3	Substance with a Community level exposure limit in the workplace
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	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=1; **Aquatic Chronic 1**, H410,M=1

Any entry in the EC# 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

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	Condition
Formaldehyde	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

5.3. Advice for fire-fighters
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 vapors, 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 dikes 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 detergent and water.

Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

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
Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities
Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing 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
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
Aluminum Oxide	1344-28-1	Greece OELs	TWA(Inhalable)(8 hours):5 mg/m3;TWA(respirable)(8 hours):10 mg/m3	
Titanium Dioxide	13463-67-7	Greece OELs	TWA(Inhalable)(8 hours):10 mg/m3;TWA(respirable)(8 hours):5 mg/m3	

Greece OELs : Greece. OELs (Decree No. 90/1999, as amended)
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

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/vapors/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

Applicable norms/standards
Use eye protection conforming to EN 166

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:

Material	**Thickness (mm)**	**Breakthrough Time**
Nitrile Rubber	No data available	No data available

Applicable norms/standards
Use gloves tested to EN 374

Respiratory protection

Wear respiratory protection if ventilation is inadequate to prevent overexposure. 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 vapors and particulates

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

Applicable norms/standards
Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance/Odor	Yellow liquid with sweet citrus odor
Odor threshold	*No Data Available*
pH	7.9 - 8.5
Boiling point/boiling range	100 ºC
Melting point	*Not Applicable*
Flammability (solid, gas)	Not Applicable
Explosive properties:	Not Classified
Oxidising properties:	Not Classified
Flash Point	Flash point > 93 °C (200 °F)
Autoignition temperature	*No Data Available*
Flammable Limits(LEL)	*No Data Available*
Flammable Limits(UEL)	*No Data Available*
Vapor Pressure	*No Data Available*
Relative Density	0.92 - 0.965 [*Ref Std:*WATER=1]
Water solubility	Moderate
Solubility- non-water	*No Data Available*
Partition coefficient: n-octanol/ water	*No Data Available*
Evaporation rate	*No Data Available*
Vapor Density	*No Data Available*
Decomposition temperature	*No Data Available*
Viscosity	20,000 - 30,000 mPa-s
Density	0.92 - 1.01 g/ml

9.2. Other information

EU Volatile Organic Compounds	*No Data Available*
Molecular weight	*No Data Available*
Percent volatile	80.6 % weight

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 polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong acids
Strong oxidizing agents

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 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.

May cause additional health effects (see below).

Skin Contact:
Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Eye Contact:
Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness,

swelling, pain, tearing, and blurred or hazy vision.

Ingestion:
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Carcinogenicity:
Contains a chemical or chemicals which can cause cancer.

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	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Petroleum Distillates	Inhalation-Vapor		LC50 estimated to be 20 - 50 mg/l
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Dermal	Rabbit	LD50 > 5,000 mg/kg
Petroleum Distillates	Dermal	Rabbit	LD50 > 3,000 mg/kg
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Ingestion	Rat	LD50 > 5,000 mg/kg
Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Calcined Kaolin	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Calcined Kaolin	Ingestion	Rat	LD50 > 2,000 mg/kg
Poly(Dimethylsiloxane)	Dermal	Rabbit	LD50 > 19,400 mg/kg
Poly(Dimethylsiloxane)	Ingestion	Rat	LD50 > 17,000 mg/kg
Petroleum Distillates	Dermal	Rabbit	LD50 > 3,160 mg/kg
Petroleum Distillates	Inhalation-Dust/Mist	Rat	LC50 > 3 mg/l

	(4 hours)		
Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Aluminum Oxide	Dermal		LD50 estimated to be > 5,000 mg/kg
Aluminum Oxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.3 mg/l
Aluminum Oxide	Ingestion	Rat	LD50 > 5,000 mg/kg
Heavy Alkylate Naphtha (Petroleum)	Dermal	Rat	LD50 > 3,000 mg/kg
Heavy Alkylate Naphtha (Petroleum)	Inhalation-Vapor (4 hours)	Rat	LC50 > 9.3 mg/l
Heavy Alkylate Naphtha (Petroleum)	Ingestion	Rat	LD50 > 7,500 mg/kg
Titanium Dioxide	Dermal	Rabbit	LD50 > 10,000 mg/kg
Titanium Dioxide	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 6.82 mg/l
Titanium Dioxide	Ingestion	Rat	LD50 > 10,000 mg/kg
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Dermal	Rabbit	LD50 87 mg/kg
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Inhalation-Dust/Mist (4 hours)	Rat	LC50 0.33 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Rabbit	No significant irritation
Petroleum Distillates	Rabbit	Irritant
Poly(Dimethylsiloxane)	Rabbit	No significant irritation
Petroleum Distillates	Rabbit	Mild irritant
Aluminum Oxide	Rabbit	No significant irritation
Heavy Alkylate Naphtha (Petroleum)	Rabbit	Minimal irritation
Titanium Dioxide	Rabbit	No significant irritation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Rabbit	Mild irritant
Petroleum Distillates	Rabbit	No significant irritation
Poly(Dimethylsiloxane)	Rabbit	No significant irritation
Petroleum Distillates	Rabbit	Mild irritant
Aluminum Oxide	Rabbit	No significant irritation
Heavy Alkylate Naphtha (Petroleum)	Rabbit	No significant irritation
Titanium Dioxide	Rabbit	No significant irritation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2%	Guinea	Not classified

aromatics	pig	
Petroleum Distillates	Guinea pig	Not classified
Petroleum Distillates	Guinea pig	Not classified
Heavy Alkylate Naphtha (Petroleum)	Guinea pig	Not classified
Titanium Dioxide	Human and animal	Not classified
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Human and animal	Sensitizing

Photosensitization

Name	Species	Value
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Human and animal	Not sensitizing

Respiratory Sensitization

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

Germ Cell Mutagenicity

Name	Route	Value
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	In Vitro	Not mutagenic
Petroleum Distillates	In vivo	Not mutagenic
Petroleum Distillates	In Vitro	Some positive data exist, but the data are not sufficient for classification
Petroleum Distillates	In Vitro	Not mutagenic
Aluminum Oxide	In Vitro	Not mutagenic
Heavy Alkylate Naphtha (Petroleum)	In Vitro	Not mutagenic
Heavy Alkylate Naphtha (Petroleum)	In vivo	Not mutagenic
Titanium Dioxide	In Vitro	Not mutagenic
Titanium Dioxide	In vivo	Not mutagenic
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	In vivo	Not mutagenic
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not Specified	Not available	Not carcinogenic
Petroleum Distillates	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Petroleum Distillates	Inhalation	Human and animal	Some positive data exist, but the data are not sufficient for classification
Petroleum Distillates	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Aluminum Oxide	Inhalation	Rat	Not carcinogenic
Heavy Alkylate Naphtha (Petroleum)	Dermal	Mouse	Some positive data exist, but the data are not

			sufficient for classification
Titanium Dioxide	Ingestion	Multiple animal species	Not carcinogenic
Titanium Dioxide	Inhalation	Rat	Carcinogenic
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Dermal	Mouse	Not carcinogenic
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not Specified	Not classified for female reproduction	Not available	NOAEL NA	
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not Specified	Not classified for male reproduction	Not available	NOAEL NA	
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not Specified	Not classified for development	Not available	NOAEL NA	
Petroleum Distillates	Inhalation	Not classified for development	Rat	NOAEL 2.4 mg/l	during organogenesis
Heavy Alkylate Naphtha (Petroleum)	Inhalation	Not classified for development	Rat	NOAEL 900 ppm	during organogenesis
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Not classified for female reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Not classified for male reproduction	Rat	NOAEL 10 mg/kg/day	2 generation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Ingestion	Not classified for development	Rat	NOAEL 15 mg/kg/day	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Petroleum Distillates	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Petroleum Distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Petroleum Distillates	Inhalation	nervous system	Not classified	Dog	NOAEL 6.5 mg/l	4 hours
Petroleum Distillates	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Not available	
Petroleum Distillates	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Petroleum Distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for		NOAEL Not available	

			classification			
Petroleum Distillates	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Notavailable	
Heavy Alkylate Naphtha (Petroleum)	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Not available	NOAEL Not available	
Heavy Alkylate Naphtha (Petroleum)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL Not available	
Heavy Alkylate Naphtha (Petroleum)	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Not available	NOAEL Not available	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Petroleum Distillates	Inhalation	nervous system	Not classified	Rat	LOAEL 4.6 mg/l	6 months
Petroleum Distillates	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1.9 mg/l	13 weeks
Petroleum Distillates	Inhalation	respiratory system	Not classified	Multiple animal species	NOAEL 0.6 mg/l	90 days
Petroleum Distillates	Inhalation	bone, teeth, nails, and/or hair | blood | liver | muscles	Not classified	Rat	NOAEL 5.6 mg/l	12 weeks
Petroleum Distillates	Inhalation	heart	Not classified	Multiple animal species	NOAEL 1.3 mg/l	90 days
Aluminum Oxide	Inhalation	pneumoconiosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure
Aluminum Oxide	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	occupational exposure
Heavy Alkylate Naphtha (Petroleum)	Dermal	bone marrow	Not classified	Rat	NOAEL 2,000 mg/kg/day	4 weeks
Heavy Alkylate Naphtha (Petroleum)	Dermal	hematopoietic system	Not classified	Rat	NOAEL 2,000 mg/kg	4 weeks
Heavy Alkylate Naphtha (Petroleum)	Inhalation	hematopoietic system | liver | kidney and/or bladder	Not classified	Rat	NOAEL 10.2 mg/l	13 weeks
Heavy Alkylate Naphtha (Petroleum)	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 2,000 mg/kg/day	4 weeks
Titanium Dioxide	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 0.01 mg/l	2 years
Titanium Dioxide	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	occupational exposure

Aspiration Hazard

Name	Value
DISCLOSE ON EU SDS ONLY- Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Aspiration hazard
Petroleum Distillates	Aspiration hazard
Petroleum Distillates	Aspiration hazard

Heavy Alkylate Naphtha (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 #	Organism	Type	Exposure	Test Endpoint	Test Result
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Rainbow Trout	Estimated	96 hours	Lethal Level 50%	>1,000 mg/l
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Water flea	Estimated	48 hours	Effect Level 50%	>1,000 mg/l
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Green Algae	Estimated	72 hours	Effect Level 50%	>1,000 mg/l
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Green Algae	Estimated	72 hours	No obs Effect Level	1,000 mg/l
Petroleum Distillates	64742-48-9	Water flea	Estimated	48 hours	Effect Level 50%	4.5 mg/l
Petroleum Distillates	64742-48-9	Fathead Minnow	Estimated	96 hours	Lethal Level 50%	8.2 mg/l
Petroleum Distillates	64742-48-9	Green Algae	Estimated	72 hours	Effect Level 50%	3.1 mg/l

Petroleum Distillates	64742-48-9	Green Algae	Estimated	72 hours	No obs Effect Level	0.5 mg/l
Petroleum Distillates	64742-48-9	Water flea	Estimated	21 days	No obs Effect Level	2.6 mg/l
Calcined Kaolin	92704-41-1	Zebra Fish	Estimated	96 hours	Lethal Concentration 50%	>100 mg/l
Calcined Kaolin	92704-41-1	Water flea	Estimated	48 hours	Effect Concentration 50%	>100 mg/l
Calcined Kaolin	92704-41-1	Green algae	Estimated	72 hours	Effect Concentration 50%	2,500 mg/l
Calcined Kaolin	92704-41-1	Green algae	Estimated	72 hours	Effect Concentration 10%	41 mg/l
Calcined Kaolin	92704-41-1	Rainbow Trout	Estimated	30 days	No obs Effect Conc	>100 mg/l
Petroleum Distillates	64742-47-8	Water flea	Estimated	48 hours	Effect Level 50%	1.4 mg/l
Petroleum Distillates	64742-47-8	Rainbow Trout	Estimated	96 hours	Lethal Level 50%	2 mg/l
Petroleum Distillates	64742-47-8	Green Algae	Estimated	72 hours	Effect Concentration 50%	1 mg/l
Petroleum Distillates	64742-47-8	Green Algae	Estimated	72 hours	No obs Effect Level	1 mg/l
Petroleum Distillates	64742-47-8	Water flea	Estimated	21 days	No obs Effect Level	0.48 mg/l
Poly(Dimethylsiloxane)	63148-62-9		Data not available or insufficient for classification			
Aluminum Oxide	1344-28-1	Fish	Experimental	96 hours	Lethal Concentration 50%	>100 mg/l
Aluminum Oxide	1344-28-1	Green Algae	Experimental	72 hours	Effect Concentration 50%	>100 mg/l
Aluminum Oxide	1344-28-1	Water flea	Experimental	48 hours	Lethal Concentration 50%	>100 mg/l
Aluminum Oxide	1344-28-1	Green Algae	Experimental	72 hours	No obs Effect Conc	>100 mg/l
Trimethylated Silica	68988-56-7		Data not available or insufficient for classification			
Heavy Alkylate Naphtha (Petroleum)	64741-65-7		Data not available or insufficient for classification			
Titanium Dioxide	13463-67-7	Fathead Minnow	Experimental	96 hours	Lethal Concentration 50%	>100 mg/l
Titanium Dioxide	13463-67-7	Water flea	Experimental	48 hours	Effect Concentration 50%	>100 mg/l
Titanium Dioxide	13463-67-7	Diatom	Experimental	72 hours	Effect Concentration 50%	>10,000 mg/l
Titanium Dioxide	13463-67-7	Diatom	Experimental	72 hours	No obs Effect Conc	5,600 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Diatom	Experimental	72 hours	Effect Concentration 50%	0.021 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Water flea	Experimental	48 hours	Effect Concentration 50%	0.18 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Diatom	Experimental	72 hours	No obs Effect Conc	0.01 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Estimated Biodegradation	28 days	Biological Oxygen Demand	31.3 % BOD/ThBOD	OECD 301F - Manometric Respiro
Petroleum Distillates	64742-48-9	Estimated Biodegradation	28 days	Biological Oxygen Demand	10 % BOD/ThBOD	OECD 301D - Closed Bottle Test
Calcined Kaolin	92704-41-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Petroleum Distillates	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Poly(Dimethylsiloxane)	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Aluminum Oxide	1344-28-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Trimethylated Silica	68988-56-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Heavy Alkylate Naphtha (Petroleum)	64741-65-7	Estimated Photolysis		Photolytic half-life (in air)	<4.01 days (t 1/2)	Other methods
Heavy Alkylate Naphtha (Petroleum)	64741-65-7	Experimental Biodegradation	28 days	Biological Oxygen Demand	8-22 % weight	OECD 301D - Closed Bottle Test
Titanium Dioxide	13463-67-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
DISCLOSE ON EU SDS ONLY-Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Petroleum Distillates	64742-48-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Calcined Kaolin	92704-41-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Petroleum	64742-47-8	Data not available	N/A	N/A	N/A	N/A

Distillates		or insufficient for classification				
Poly(Dimethylsiloxane)	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Aluminum Oxide	1344-28-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Trimethylated Silica	68988-56-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Heavy Alkylate Naphtha (Petroleum)	64741-65-7	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Titanium Dioxide	13463-67-7	Experimental BCF-Carp	42 days	Bioaccumulation Factor	9.6	Other methods
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A

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
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)
120120* Spent grinding bodies and grinding materials containing dangerous substances

SECTION 14: Transportation information

SECTION 15: Regulatory information

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

Carcinogenicity

Ingredient	C.A.S. No.	Classification	Regulation
Titanium Dioxide	13463-67-7	Grp. 2B: Possible human carc.	International Agency for Research on Cancer

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 chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

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 vapor.
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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
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:
No revision information

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Meguiar's, Inc. Greece SDSs are available at