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
G147, Ultimate Protectant (21-129A): G14716

Product Identification Numbers
14-1000-6324-8

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: GR_GCSL - Local CUNO Address
Telephone: GR_GCSL - Local Meguiar's Telephone
E Mail: GR_GCSL - Local Meguiar's Email
Website: GR_GCSL - Local Meguiar's Website

1.4. Emergency telephone number
GR_GCSL - Local Meguiar's Emergency Telephone

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture
CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:
Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319

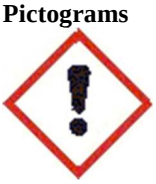
For full text of H phrases, see Section 16.

2.2. Label elements
CLP REGULATION (EC) No 1272/2008

SIGNAL WORD
Warning

Symbols:
GHS07 (Exclamation mark) |

Pictograms



HAZARD STATEMENTS:

H319	Causes serious eye irritation.

PRECAUTIONARY STATEMENTS
General:

P102	Keep out of reach of children.
P101	If medical advice is needed, have product container or label at hand.

Response:

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.

5% of the mixture consists of components of unknown acute oral toxicity.

Contains 2% 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

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
Non-Hazardous Ingredients	Mixture			40 - 60	Substance not classified as hazardous
Poly(Dimethylsiloxane)	63148-62-9			10 - 30	Substance not classified as hazardous
White Mineral Oil (Petroleum)	8042-47-5	232-455-8		10 - 30	**Asp. Tox. 1**, H304
Acrylic Polymer	Trade Secret			1 - 5	Substance not classified as hazardous
Non-Ionic Surfactant	37220-82-9	253-407-2		1 - 5	Substance not classified as hazardous
Propylene Glycol	57-55-6	200-338-0	01-2119456809-23	< 1.5	Substance not classified as hazardous
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	209-406-4		< 1.5	**Skin Irrit. 2**, H315; **Eye Dam. 1**, H318
1,2,3-Propanetriol, homopolymer, (Z)-9-octadecenoate	9007-48-1			< 1	Substance not classified as hazardous
Polyethylene Glycol Stearate	9004-99-3			0.1 - 1	**Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 3**, H412
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	82919-37-7	280-060-4		< 0.1	**Skin Sens. 1A**, H317; **Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 1**, H410,M=1
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	41556-26-7	255-437-1		< 0.1	**Skin Sens. 1A**, H317; **Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 1**, H410,M=1
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9			< 0.001	**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

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 carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Aldehydes	During Combustion
Formaldehyde	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Irritant Vapors or Gases	During Combustion

5.3. Advice for fire-fighters
No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

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

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent 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
Avoid eye contact. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. 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.)

7.2. Conditions for safe storage including any incompatibilities
Store away from acids. 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
Paraffin oil	8042-47-5	Greece OELs	TWA(as mist)(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:
Indirect Vented Goggles

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**
Butyl Rubber	No data available	No data available

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 vapors 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/Odor	Sweet odor; Off-white liquid gel
Odor threshold	*No Data Available*
pH	9.5 - 10.5
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	0.964 [*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	450 - 650 mPa-s
Density	0.964 g/cm3

9.2. Other information

Molecular weight	*No Data Available*

SECTION 10: Stability and reactivity

10.1. Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Temperatures above the boiling point

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.

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

Eye Contact:
Moderate 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.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
White Mineral Oil (Petroleum)	Dermal	Rabbit	LD50 > 2,000 mg/kg
White Mineral Oil (Petroleum)	Ingestion	Rat	LD50 > 5,000 mg/kg
Poly(Dimethylsiloxane)	Dermal	Rabbit	LD50 > 19,400 mg/kg
Poly(Dimethylsiloxane)	Ingestion	Rat	LD50 > 17,000 mg/kg
Sodium Di(2-Ethylhexyl) Sulfosuccinate	Dermal	Rabbit	LD50 > 10,000 mg/kg
Sodium Di(2-Ethylhexyl) Sulfosuccinate	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 20 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	Ingestion	Rat	LD50 > 2,100 mg/kg
Propylene Glycol	Dermal	Rabbit	LD50 20,800 mg/kg
Propylene Glycol	Ingestion	Rat	LD50 22,000 mg/kg
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Ingestion	Rat	LD50 3,125 mg/kg
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	Ingestion	Rat	LD50 3,125 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
White Mineral Oil (Petroleum)	Rabbit	No significant irritation
Poly(Dimethylsiloxane)	Rabbit	No significant irritation
Sodium Di(2-Ethylhexyl) Sulfosuccinate	Rabbit	Irritant
Propylene Glycol	Rabbit	No significant irritation
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Rabbit	No significant irritation
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	Rabbit	No significant irritation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-	Rabbit	Corrosive

isothiazolone		

Serious Eye Damage/Irritation

Name	Species	Value
White Mineral Oil (Petroleum)	Rabbit	Mild irritant
Poly(Dimethylsiloxane)	Rabbit	No significant irritation
Sodium Di(2-Ethylhexyl) Sulfosuccinate	Rabbit	Corrosive
Propylene Glycol	Rabbit	No significant irritation
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Rabbit	No significant irritation
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	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
White Mineral Oil (Petroleum)	Guinea pig	Not classified
Propylene Glycol	Human	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Guinea pig	Sensitizing
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	Guinea pig	Sensitizing
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
White Mineral Oil (Petroleum)	In Vitro	Not mutagenic
Propylene Glycol	In Vitro	Not mutagenic
Propylene Glycol	In vivo	Not mutagenic
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	In Vitro	Not mutagenic
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	In Vitro	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
White Mineral Oil (Petroleum)	Dermal	Mouse	Not carcinogenic
White Mineral Oil (Petroleum)	Inhalation	Multiple animal species	Not carcinogenic
Propylene Glycol	Dermal	Mouse	Not carcinogenic
Propylene Glycol	Ingestion	Multiple animal species	Not 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
White Mineral Oil (Petroleum)	Ingestion	Not classified for female reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White Mineral Oil (Petroleum)	Ingestion	Not classified for male reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White Mineral Oil (Petroleum)	Ingestion	Not classified for development	Rat	NOAEL 4,350 mg/kg/day	during gestation
Propylene Glycol	Ingestion	Not classified for female reproduction	Mouse	NOAEL 10,100 mg/kg/day	2 generation
Propylene Glycol	Ingestion	Not classified for male reproduction	Mouse	NOAEL 10,100 mg/kg/day	2 generation
Propylene Glycol	Ingestion	Not classified for development	Multiple animal species	NOAEL 1,230 mg/kg/day	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
Propylene Glycol	Ingestion	central nervous system depression	Not classified	Human and animal	NOAEL Not available	
3(2H)-Isothiazolone, 5-	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	

chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone			data are not sufficient for classification	health hazards	available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
White Mineral Oil (Petroleum)	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,381 mg/kg/day	90 days
White Mineral Oil (Petroleum)	Ingestion	liver | immune system	Not classified	Rat	NOAEL 1,336 mg/kg/day	90 days
Propylene Glycol	Ingestion	hematopoietic system	Not classified	Multiple animal species	NOAEL 1,370 mg/kg/day	117 days
Propylene Glycol	Ingestion	kidney and/or bladder	Not classified	Dog	NOAEL 5,000 mg/kg/day	104 weeks

Aspiration Hazard

Name	Value
White Mineral Oil (Petroleum)	Aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available

Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
Propylene Glycol	57-55-6	Fathead Minnow	Experimental	96 hours	Lethal Concentration	710 mg/l

					50%	
Propylene Glycol	57-55-6	Water flea	Experimental	48 hours	Lethal Concentration 50%	4,919 mg/l
Propylene Glycol	57-55-6	Green algae	Experimental	96 hours	Effect Concentration 50%	19,000 mg/l
Poly(Dimethylsiloxane)	63148-62-9		Data not available or insufficient for classification			
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Water flea	Experimental	21 days	No obs Effect Conc	7 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Green Algae	Experimental	72 hours	No obs Effect Conc	28 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	28 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Water flea	Experimental	48 hours	Effect Concentration 50%	19 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Green Algae	Experimental	72 hours	Effect Concentration 50%	190 mg/l
1,2,3-Propanetriol, homopolymer, (Z)-9-octadecenoate	9007-48-1		Data not available or insufficient for classification			
Non-Ionic Surfactant	37220-82-9		Data not available or insufficient for classification			
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
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-	55965-84-9	Diatom	Experimental	72 hours	Effect Concentration 50%	0.021 mg/l

isothiazolone						
Polyethylene Glycol Stearate	9004-99-3	Green algae	Estimated	72 hours	No obs Effect Conc	0.25 mg/l
Polyethylene Glycol Stearate	9004-99-3	Green algae	Estimated	72 hours	Effect Concentration 50%	0.64 mg/l
Polyethylene Glycol Stearate	9004-99-3	Water flea	Estimated	48 hours	Effect Concentration 50%	0.72 mg/l
Polyethylene Glycol Stearate	9004-99-3	Zebra Fish	Estimated	96 hours	Lethal Concentration 50%	0.65 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Green Algae	Experimental	72 hours	Effect Concentration 50%	190 mg/l
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Green Algae	Experimental	72 hours	No obs Effect Conc	28 mg/l
Propylene Glycol	57-55-6	Green Algae	Experimental	96 hours	Effect Concentration 50%	19,000 mg/l
Propylene Glycol	57-55-6	Green algae	Experimental	96 hours	No obs Effect Conc	15,000 mg/l
Propylene Glycol	57-55-6	Water flea	Experimental	7 days	No obs Effect Conc	13,020 mg/l
Propylene Glycol	57-55-6	Crustecea other	Experimental	96 hours	Lethal Concentration 50%	18,800 mg/l
Propylene Glycol	57-55-6	Water flea	Experimental	48 hours	Effect Concentration 50%	18,340 mg/l
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	82919-37-7	Fathead Minnow	Estimated	96 hours	Lethal Concentration 50%	0.82 mg/l
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	41556-26-7	Fathead Minnow	Estimated	96 hours	Lethal Concentration 50%	0.27 mg/l
White Mineral Oil (Petroleum)	8042-47-5	Bluegill	Experimental	96 hours	Lethal Level 50%	>100 mg/l
White Mineral Oil (Petroleum)	8042-47-5	Water flea	Estimated	21 days	No obs Effect Level	>100 mg/l
White Mineral Oil (Petroleum)	8042-47-5	Water flea	Estimated	48 hours	Effect Level 50%	>100 mg/l
White Mineral Oil (Petroleum)	8042-47-5	Green algae	Estimated	72 hours	No obs Effect Level	>100 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Non-Ionic Surfactant	37220-82-9	Calculated Biodegradation	28 days	Biological Oxygen Demand	67 % weight	Est: MITI Biodeg. tests
Poly(Dimethyls iloxane)	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Di(2-Ethylhexyl) Sulfosuccinate	577-11-7	Experimental Biodegradation	28 days	Biological Oxygen Demand	66.7 % weight	Other methods
1,2,3-Propanetriol, homopolymer, (Z)-9-octadecenoate	9007-48-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyethylene Glycol Stearate	9004-99-3	Estimated Biodegradation	28 days	Carbon dioxide evolution	85.3 % weight	OECD 301B - Mod. Sturm or CO2
Propylene Glycol	57-55-6	Experimental Biodegradation	28 days	Biological Oxygen Demand	90 % weight	OECD 301C - MITI (I)
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
Non-Ionic Surfactant	37220-82-9	Experimental Biodegradation	28 days	Biological Oxygen Demand	67 % weight	OECD 301C - MITI (I)
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	82919-37-7	Experimental Biodegradation	28 days	Dissolv. Organic Carbon Deplet	38 % weight	OECD 301E - Modified OECD Scre
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	41556-26-7	Estimated Biodegradation	28 days	Biological Oxygen Demand	32.8 % weight	OECD 301C - MITI (I)
White Mineral Oil (Petroleum)	8042-47-5	Experimental Biodegradation	28 days	Carbon dioxide evolution	0 % weight	OECD 301B - Mod. Sturm or CO2

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Poly(Dimethyls iloxane)	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Di(2-	577-11-7	Experimental	42 days	Bioaccumulatio	<9.3	Other methods

Ethylhexyl) Sulfosuccinate		BCF-Carp		n Factor		
Propylene Glycol	57-55-6	Experimental Bioaccumulation		Log of Octanol/H2O part. coeff	-0.92	Other methods
Non-Ionic Surfactant	37220-82-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
1,2,3-Propanetriol, homopolymer, (Z)-9-octadecenoate	9007-48-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyethylene Glycol Stearate	9004-99-3	Estimated Bioconcentration		Bioaccumulation Factor	5.5	Est: Bioconcentration factor
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
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	82919-37-7	Experimental Bioconcentration	56 days	Bioaccumulation Factor	31	Other methods
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	41556-26-7	Estimated Bioconcentration		Bioaccumulation Factor	5.96	Est: Bioconcentration factor
White Mineral Oil (Petroleum)	8042-47-5	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)
200113* Solvents

SECTION 14: Transportation information

SECTION 15: Regulatory information

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

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

15.2. Chemical Safety Assessment
Not applicable

SECTION 16: Other information

List of relevant H statements

H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.

H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Revision information:
Section 03: Composition/ Information of ingredients table information was added.
Section 03: Composition/ Information of ingredients table information was deleted.
Section 05: Fire - Extinguishing media information information was modified.
Section 09: Relative density information information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity Table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: Photosensitization Table information was modified.
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 11: Target Organs - Repeated Table information was modified.
Section 11: Target Organs - Single Table information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12:Bioccumulative potential information information was modified.
Section 16: Two-column table displaying the unique list of H Codes and statements (std phrses) for all components of the given material. information was modified.

Meguiar's, Inc. Greece SDSs are available at GR_GCSL - Local Meguiar's Website

G147, Ultimate Protectant (21-129A): G14716