

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

G41, Natural Shine Protectant (21-127A): G4116, G4100

Product Identificati	on Numbers			
14-1000-0693-2	14-1000-0694-0	14-1000-0695-7	14-1000-0696-5	14-1000-0697-3
14-1000-0698-1	14-1000-0699-9	14-1000-0700-5	14-1000-0701-3	HB-0041-3020-7
HB-0041-3022-3	IA-2701-0145-3			

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 GR_GCSL - Local Meguiar's Website 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:

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.

2.2. Label elements CLP REGULATION (EC) No 1272/2008 Not applicable

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.

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:

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

Ingredients required per 648/2004: 5-15%: Aliphatic hydrocarbons. <5%: Non-ionic surfactant. Contains: Perfumes, hexyl cinnam-aldehyde, citronellol, linalool, 2-(4-tert-butylbenzyl)propionaldehyde, Mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1).

Based on the available data, CASRN 78330-21-9 is classified as Eye 1 at >=10% and Eye 2 at >=5%, but <10%.

2.3. Other hazards

Contains a substance that meets the criteria for vPvB in accordance with REACH Regulation (1907/2006) and its modifications

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	EC No.	REACH	% by Wt	Classification
			Registration		
			No.		

Non-Hazardous Ingredients	Mixture		60 - 80	Substance not classified as hazardous
Siloxanes and Silicones, di-Me	63148-62-9		7 - 13	Substance not classified as hazardous
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	232-455-8	5 - 10	**Asp. Tox. 1**, H304
ALCOHOLS, C11-14-ISO-, C13- RICH, ETHOXYLATED	78330-21-9		0.5 - 1.5	**Acute Tox. 4**, H302; **Eye Dam. 1**, H318
SILOXANES AND SILICONES, DI- ME, HYDROXY-TERMINATED	70131-67-8		0.5 - 1.5	Substance not classified as hazardous
METHYL 1,2,2,6,6- PENTAMETHYL-4-PIPERIDINYL SEBACATE	82919-37-7	280-060-4	0.01 - 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	0.01 - 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		< 0.0015	**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

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
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. Observe precautions from other sections.

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 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/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. Store away from heat.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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 Paraffin oil C.A.S. No. Agency 8042-47-5 Greece OELs

Limit type TWA(as mist)(8 hours):5 mg/m3 **Additional Comments**

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

Skin/hand protection No chemical protective gloves are required.

Respiratory protection

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

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

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

SECTION 9: Physical and chemical properties

Physical state	Liquid
Appearance/Odor	Sweet fragrance; White, milky liquid
Odor threshold	No Data Available
рН	9 - 9.8
Boiling point/boiling range	100 °C
Melting point	Not Applicable
Flammability (solid, gas)	Not Applicable
Explosive properties:	Not Classified
Oxidising properties:	Not Classified
Flash Point	215.6 °C [Test Method:Pensky-Martens Closed Cu
	[Details: ASTM D93-90]
Autoignition temperature	Not Applicable
Flammable Limits(LEL)	Not Applicable
Flammable Limits(UEL)	Not Applicable
Vapor Pressure	No Data Available
Relative Density	1 [<i>Ref Std</i> :WATER=1]
Water solubility	Complete
Solubility- non-water	No Data Available
Partition coefficient: n-octanol/ water	No Data Available
Evaporation rate	No Data Available

Vapor Density

Decomposition temperature Viscosity Density

9.2. Other information Molecular weight > 1 [Ref Std:AIR=1]

No Data Available 1,500 - 2,500 mPa-s 1 g/cm3

No Data Available

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 Heat Light

10.5. Incompatible materials None known.

10.6. Hazardous decomposition products <u>Substance</u> None known.

Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

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

Inhalation:

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

Skin Contact:

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

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 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
Siloxanes and Silicones, di-Me	Dermal	Rabbit	LD50 > 19,400 mg/kg
Siloxanes and Silicones, di-Me	Ingestion	Rat	LD50 > 17,000 mg/kg

WHITE MINERAL OIL (PETROLEUM)	Dermal	Rabbit	LD50 > 2,000 mg/kg
WHITE MINERAL OIL (PETROLEUM)	Ingestion	Rat	LD50 > 5,000 mg/kg
SILOXANES AND SILICONES, DI-ME, HYDROXY-	Dermal	Rabbit	LD50 > 16,000 mg/kg
TERMINATED			
SILOXANES AND SILICONES, DI-ME, HYDROXY-	Ingestion	Rat	LD50 > 64,000 mg/kg
TERMINATED			
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED	Ingestion	Rat	LD50 1,350 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	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
SEBACATE			
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL	Ingestion	Rat	LD50 3,125 mg/kg
SEBACATE			
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-	Dermal	Rabbit	LD50 87 mg/kg
3(2H)-isothiazolone.			
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-	Inhalation-	Rat	LC50 0.33 mg/l
3(2H)-isothiazolone.	Dust/Mist		
	(4 hours)		
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-	Ingestion	Rat	LD50 40 mg/kg
3(2H)-isothiazolone.			

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Siloxanes and Silicones, di-Me	Rabbit	No significant irritation
WHITE MINERAL OIL (PETROLEUM)	Rabbit	No significant irritation
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED	Rabbit	Mild irritant
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
Siloxanes and Silicones, di-Me	Rabbit	No significant irritation
WHITE MINERAL OIL (PETROLEUM)	Rabbit	Mild irritant
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED	Rabbit	Corrosive
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.		

Skin Sensitization

Name	Species	Value
WHITE MINERAL OIL (PETROLEUM)	Guinea	Not classified
	pig	
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED	Human	Not classified
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	Guinea	Sensitizing
	pig	
METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL SEBACATE	Guinea	Sensitizing
	pig	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-	Human	Sensitizing
isothiazolone.	and	
	animal	

Photosensitization

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

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
SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED	In Vitro	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)-	In vivo	Not mutagenic
isothiazolone.		
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-	In Vitro	Some positive data exist, but the data are not
isothiazolone.		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
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
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
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
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

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	Туре	Exposure	Test Endpoint	Test Result
ALCOHOLS,	78330-21-9		Data not		• •	
C11-14-ISO-,			available or			
C13-RICH,			insufficient for			
ETHOXYLAT			classification			
ED						
Siloxanes and	63148-62-9		Data not			
Silicones, di-			available or			
Me			insufficient for			
			classification			
SILOXANES	70131-67-8		Data not			
AND			available or			
SILICONES,			insufficient for			
DI-ME,			classification			
HYDROXY-						
TERMINATE						
D						
Bis(1,2,2,6,6-	41556-26-7	Fathead	Estimated	96 hours	Lethal	0.36 mg/l
pentamethyl-4-		Minnow			Concentration	
piperidinyl)					50%	
sebacate						
METHYL	82919-37-7	Fathead	Estimated	96 hours	Lethal	0.82 mg/l
1,2,2,6,6-		Minnow			Concentration	_
PENTAMETH					50%	
YL-4-						
PIPERIDINYL						
SEBACATE						
3(2H)-	55965-84-9	Water flea	Experimental	48 hours	Effect	0.18 mg/l
Isothiazolone,			_		Concentration	_
5-chloro-2-					50%	
methyl-, mixt.						
with 2-methyl-						
3(2H)-						
isothiazolone.						
3(2H)-	55965-84-9	Diatom	Experimental	72 hours	No obs Effect	0.01 mg/l
Isothiazolone,					Conc	
5-chloro-2-						
methyl-, mixt.						
with 2-methyl-						
3(2H)-						
isothiazolone.						
3(2H)-	55965-84-9	Diatom	Experimental	72 hours	Effect	0.021 mg/l
Isothiazolone,					Concentration	
5-chloro-2-					50%	
methyl-, mixt.						
with 2-methyl-						
3(2H)-						
isothiazolone.						
WHITE	8042-47-5	Bluegill	Experimental	96 hours	Lethal Level	>100 mg/l
MINERAL					50%	
OIL						

(PETROLEUM						
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
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLAT ED	78330-21-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
SILOXANES AND SILICONES, DI-ME, HYDROXY- TERMINATE D	70131-67-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxanes and Silicones, di- Me	63148-62-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	Experimental Biodegradation	28 days	Carbon dioxide evolution	0 % weight	OECD 301B - Mod. Sturm or CO2
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- PENTAMETH	82919-37-7	Estimated Biodegradation	28 days	Biological Oxygen Demand	51 % weight	OECD 301C - MITI (I)

YL-4-						
PIPERIDINYL						
SEBACATE						
Bis(1,2,2,6,6-	41556-26-7	Estimated	28 days	Biological	32.8 % weight	OECD 301C - MITI (I)
pentamethyl-4-		Biodegradation		Oxygen		
piperidinyl)				Demand		
sebacate						

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLAT ED	78330-21-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
SILOXANES AND SILICONES, DI-ME, HYDROXY- TERMINATE D	70131-67-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Siloxanes and Silicones, di- Me	63148-62-9	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
Bis(1,2,2,6,6- pentamethyl-4- piperidinyl) sebacate	41556-26-7	Estimated Bioconcentrati on		Bioaccumulatio n Factor	5.96	Est: Bioconcentration factor
METHYL 1,2,2,6,6- PENTAMETH YL-4- PIPERIDINYL SEBACATE	82919-37-7	Estimated Bioconcentrati on		Bioaccumulatio n Factor	11	Est: Bioconcentration factor

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

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. 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)

200130 Detergents other than those mentioned in 20 01 29

SECTION 14: Transportation information

ADR/IMDG/IATA: Not restricted for transport.

SECTION 15: Regulatory information

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

Global inventory status

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

15.2. Chemical Safety Assessment Not applicable

SECTION 16: Other information

List of relevant H statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Revision information:

Section 03: Composition/ Information of ingredients table information was added.

Section 03: Composition/ Information of ingredients table information was deleted.

Section 09: Flash point information information was modified.

Section 09: Relative density information information was modified.

Section 09: Vapor density value information was modified.

Section 11: Acute Toxicity table information was modified.

Section 11: Reproductive Toxicity Table information was modified.

Section 11: Skin Sensitization Table information was modified.

Section 11: Target Organs - Repeated Table information was modified.

Section 12: Component ecotoxicity information information was modified.

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