

SECTION 2: Hazard identification

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

CLASSIFICATION:

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315

Specific Target Organ Toxicity-Repeated Exposure, Category 1 - STOT RE 1; H372

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

SIGNAL WORD

Danger

Symbols:

GHS07 (Exclamation mark) | GHS08 (Health Hazard) |

Pictograms



Ingredients:

Ingredient	C.A.S. No.	EC No.	% by Wt
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	265-191-7	7 - 13

HAZARD STATEMENTS:

H315	Causes skin irritation.
H372	Causes damage to organs through prolonged or repeated exposure: nervous system
H412	Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

Prevention:

P260E Do not breathe vapor or spray.

Response:

P332 + P313

If skin irritation occurs: Get medical advice/attention.

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.

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			60 - 80	Substance not classified as hazardous
Aluminum Oxide (non-fibrous)	1344-28-1	215-691-6	01-2119529248-35	8 - 20	Substance with a Community level exposure limit in the workplace
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	265-191-7		7 - 13	**Asp. Tox. 1**, H304; **STOT RE 1**, H372 **Aquatic Chronic 2**, H411 **Flam. Liq. 3**, H226; **Skin Irrit. 2**, H315
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	232-455-8		1 - 5	**Asp. Tox. 1**, H304
Glycerin	56-81-5	200-289-5		1 - 5	Substance with a Community level exposure limit in the workplace
PEG Stearate	9004-99-3			0.1 - 1	**Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 3**, H412
Triethanolamine	102-71-6	203-049-8		0.1 - 1	Substance not classified as hazardous
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:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. 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 Vapors or Gases
Oxides of Nitrogen

Condition

During Combustion
During Combustion
During Combustion
During Combustion
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. 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.

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/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.)

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 (non-fibrous)	1344-28-1	Greece OELs	TWA(Inhalable)(8 hours):5 mg/m ³ ;TWA(respirable)(8 hours):10 mg/m ³	
Glycerin	56-81-5	Greece OELs	TWA(8 hours):10 mg/m ³	
Paraffin oil	8042-47-5	Greece OELs	TWA(as mist)(8 hours):5 mg/m ³	

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

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

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 hydrocarbon odor; Creamy White
Odor threshold	<i>No Data Available</i>
pH	8.2 - 8.8
Boiling point/boiling range	193 °C
Melting point	<i>No Data Available</i>
Flammability (solid, gas)	Not Applicable
Explosive properties:	Not Classified
Oxidising properties:	Not Classified
Flash Point	Flash point > 93 °C (200 °F)
Autoignition temperature	<i>No Data Available</i>
Flammable Limits(LEL)	<i>No Data Available</i>
Flammable Limits(UEL)	<i>No Data Available</i>
Relative Density	1.18 [<i>Ref Std: WATER=1</i>]
Water solubility	Moderate
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>No Data Available</i>
Evaporation rate	<i>No Data Available</i>
Vapor Density	<i>No Data Available</i>
Decomposition temperature	<i>No Data Available</i>
Viscosity	28,000 - 38,000 mPa-s
Density	1.18 g/ml

9.2. Other information

EU Volatile Organic Compounds	<i>No Data Available</i>
Molecular weight	<i>No Data Available</i>

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

10.5. Incompatible materials

Strong acids

Strong bases

Strong oxidizing 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 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:

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

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	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
Aluminum Oxide (non-fibrous)	Dermal		LD50 estimated to be > 5,000 mg/kg
Aluminum Oxide (non-fibrous)	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.3 mg/l
Aluminum Oxide (non-fibrous)	Ingestion	Rat	LD50 > 5,000 mg/kg
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation-Vapor		LC50 estimated to be 20 - 50 mg/l
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Dermal	Rabbit	LD50 > 3,000 mg/kg
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Ingestion	Rat	LD50 > 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
Glycerin	Dermal	Rabbit	LD50 estimated to be > 5,000 mg/kg
Glycerin	Ingestion	Rat	LD50 > 5,000 mg/kg
Triethanolamine	Dermal	Rabbit	LD50 > 2,000 mg/kg
Triethanolamine	Ingestion	Rat	LD50 9,000 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-	Ingestion	Rat	LD50 40 mg/kg

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3(2H)-isothiazolone

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Aluminum Oxide (non-fibrous)	Rabbit	No significant irritation
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Rabbit	Irritant
WHITE MINERAL OIL (PETROLEUM)	Rabbit	No significant irritation
Glycerin	Rabbit	No significant irritation
Triethanolamine	Rabbit	Minimal irritation
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
Aluminum Oxide (non-fibrous)	Rabbit	No significant irritation
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Rabbit	No significant irritation
WHITE MINERAL OIL (PETROLEUM)	Rabbit	Mild irritant
Glycerin	Rabbit	No significant irritation
Triethanolamine	Rabbit	Mild irritant
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Guinea pig	Not classified
WHITE MINERAL OIL (PETROLEUM)	Guinea pig	Not classified
Glycerin	Guinea pig	Not classified
Triethanolamine	Human	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
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Aluminum Oxide (non-fibrous)	In Vitro	Not mutagenic
MEDIUM ALIPHATIC SOLVENT NAPHTHA	In vivo	Not mutagenic
MEDIUM ALIPHATIC SOLVENT NAPHTHA	In Vitro	Some positive data exist, but the data are not sufficient for classification
WHITE MINERAL OIL (PETROLEUM)	In Vitro	Not mutagenic
Triethanolamine	In Vitro	Not mutagenic
Triethanolamine	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
Aluminum Oxide (non-fibrous)	Inhalation	Rat	Not carcinogenic
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	Human and animal	Some positive data exist, but the data are not sufficient for classification
WHITE MINERAL OIL (PETROLEUM)	Dermal	Mouse	Not carcinogenic
WHITE MINERAL OIL (PETROLEUM)	Inhalation	Multiple animal species	Not carcinogenic
Glycerin	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
Triethanolamine	Dermal	Multiple animal species	Not carcinogenic
Triethanolamine	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
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
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	Not classified for development	Rat	NOAEL 2.4 mg/l	during organogenesis
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
Glycerin	Ingestion	Not classified for female reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
Glycerin	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
Glycerin	Ingestion	Not classified for development	Rat	NOAEL 2,000	2 generation

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				mg/kg/day	
Triethanolamine	Ingestion	Not classified for development	Mouse	NOAEL 1,125 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
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	nervous system	Not classified	Dog	NOAEL 6.5 mg/l	4 hours
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	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
Aluminum Oxide (non-fibrous)	Inhalation	pneumoconiosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure
Aluminum Oxide (non-fibrous)	Inhalation	pulmonary fibrosis	Not classified	Human	NOAEL Not available	occupational exposure
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	nervous system	Not classified	Rat	LOAEL 4.6 mg/l	6 months
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1.9 mg/l	13 weeks
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	respiratory system	Not classified	Multiple animal species	NOAEL 0.6 mg/l	90 days
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	bone, teeth, nails, and/or hair blood liver muscles	Not classified	Rat	NOAEL 5.6 mg/l	12 weeks
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Inhalation	heart	Not classified	Multiple animal species	NOAEL 1.3 mg/l	90 days
WHITE MINERAL OIL (PETROLEUM)	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,381 mg/kg/day	90 days

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WHITE MINERAL OIL (PETROLEUM)	Ingestion	liver immune system	Not classified	Rat	NOAEL 1,336 mg/kg/day	90 days
Glycerin	Inhalation	respiratory system heart liver kidney and/or bladder	Not classified	Rat	NOAEL 3.91 mg/l	14 days
Glycerin	Ingestion	endocrine system hematopoietic system liver kidney and/or bladder	Not classified	Rat	NOAEL 10,000 mg/kg/day	2 years
Triethanolamine	Dermal	kidney and/or bladder	Not classified	Multiple animal species	NOAEL 2,000 mg/kg/day	2 years
Triethanolamine	Dermal	liver	Not classified	Mouse	NOAEL 4,000 mg/kg/day	13 weeks
Triethanolamine	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 1,000 mg/kg/day	2 years
Triethanolamine	Ingestion	liver	Not classified	Guinea pig	NOAEL 1,600 mg/kg/day	24 weeks

Aspiration Hazard

Name	Value
MEDIUM ALIPHATIC SOLVENT NAPHTHA	Aspiration hazard
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
Glycerin	56-81-5	Goldfish	Experimental	24 hours	Lethal	>5,000 mg/l

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					Concentration 50%	
Glycerin	56-81-5	Water flea	Experimental	24 hours	Effect Concentration 50%	>10,000 mg/l
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7		Data not available or insufficient for classification			
PEG Stearate	9004-99-3	Green algae	Estimated	72 hours	Effect Concentration 50%	0.64 mg/l
PEG Stearate	9004-99-3	Water flea	Estimated	48 hours	Effect Concentration 50%	0.72 mg/l
PEG Stearate	9004-99-3	Zebra Fish	Estimated	96 hours	Lethal Concentration 50%	0.65 mg/l
PEG Stearate	9004-99-3	Green algae	Estimated	72 hours	No obs Effect Conc	0.25 mg/l
Triethanolamine	102-71-6	Goldfish	Experimental	24 hours	Lethal Concentration 50%	5,000 mg/l
Triethanolamine	102-71-6	Water flea	Experimental	48 hours	Effect Concentration 50%	609.98 mg/l
Triethanolamine	102-71-6	Green algae	Experimental	72 hours	Effect Concentration 50%	216 mg/l
Triethanolamine	102-71-6	Water flea	Experimental	21 days	No obs Effect Conc	16 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Green algae	Experimental	96 hours	Effect Concentration 50%	0.062 mg/l
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Water flea	Experimental	21 days	No obs Effect Conc	0.172 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-	55965-84-9	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	0.07 mg/l

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methyl-, mixt. with 2-methyl-3(2H)-isothiazolone						
Aluminum Oxide (non-fibrous)	1344-28-1	Fish	Experimental	96 hours	Lethal Concentration 50%	>100 mg/l
Aluminum Oxide (non-fibrous)	1344-28-1	Green algae	Experimental	72 hours	Effect Concentration 50%	>100 mg/l
Aluminum Oxide (non-fibrous)	1344-28-1	Water flea	Experimental	48 hours	Effect Concentration 50%	>100 mg/l
Aluminum Oxide (non-fibrous)	1344-28-1	Green algae	Experimental	72 hours	No obs Effect Conc	>100 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
Triethanolamine	102-71-6	Experimental Biodegradation	19 days	Dissolv. Organic Carbon Deplet	96 % weight	40CFR 796.3240-Mod. OECD Scree
Aluminum Oxide (non-fibrous)	1344-28-1	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-	55965-84-9	Experimental Biodegradation	28 days	Carbon dioxide evolution	48 % weight	Other methods

M105, Ultra Cut Compound (21-29A): M10501, M10508, M10532

3(2H)-isothiazolone						
Glycerin	56-81-5	Experimental Biodegradation	14 days	Biological Oxygen Demand	63 % weight	OECD 301C - MITI (I)
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	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
PEG Stearate	9004-99-3	Estimated Biodegradation	28 days	Carbon dioxide evolution	85.3 % weight	OECD 301B - Mod. Sturm or CO2

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Triethanolamine	102-71-6	Experimental Bioaccumulation		Log of Octanol/H2O part. coeff	-2.3	Est: Octanol-water part. coeff
Aluminum Oxide (non-fibrous)	1344-28-1	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	Estimated Bioconcentration		Log of Octanol/H2O part. coeff	0.5	Other methods
Glycerin	56-81-5	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	-1.76	Other methods
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	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
PEG Stearate	9004-99-3	Estimated Bioconcentration		Bioaccumulation Factor	5.5	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

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

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

Carcinogenicity

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Classification</u>	<u>Regulation</u>
Triethanolamine	102-71-6	Gr. 3: Not classifiable	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 the

Korea Chemical Control Act. 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. 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

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.
H372	Causes damage to organs through prolonged or repeated exposure.
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:

Section 09: Property description for optional properties information was modified.

Section 12: Component ecotoxicity information information was modified.

Section 12: Persistence and Degradability information information was modified.

Section 12:Biocumulative potential information information was modified.

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 [GR_GCSL](#) - Local Meguiar's Website