



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

M101, Foam Cut Compound (21-89B): M10132

Product Identification Numbers

14-1000-6471-7 14-1000-8569-6

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:

Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336
Hazardous to the Aquatic Environment (Chronic), Category 2 - Aquatic Chronic 2; H411

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) | GHS09 (Environment) |

Pictograms



Ingredients:

Ingredient	C.A.S. No.	EC No.	% by Wt
Naphthol Spirits (C10-C12)	64742-48-9	265-150-3	7 - 14
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	265-149-8	5 - 10
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	64742-94-5	265-198-5	1 - 5

HAZARD STATEMENTS:

H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

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

Prevention:

P261A	Avoid breathing vapors.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.

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.

5% of the mixture consists of components of unknown acute dermal toxicity.
47% of the mixture consists of components of unknown acute inhalation toxicity.
Contains 8% 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 64742-48-9

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			30 - 60	Substance not classified as hazardous
Aluminum Oxide (non-fibrous)	1344-28-1	215-691-6		10 - 30	Substance with a Community level exposure limit in the workplace
Naphthol Spirits (C10-C12)	64742-48-9	265-150-3		7 - 14	**Asp. Tox. 1**, H304 - Nota P **Aquatic Chronic 2**, H411 **Flam. Liq. 3**, H226; **STOT SE 3**, H336; **EUH066**, EUH066
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	265-149-8		5 - 10	**Asp. Tox. 1**, H304 **Aquatic Chronic 2**, H411 **Flam. Liq. 3**, H226; **STOT SE 3**, H336; **EUH066**, EUH066
conditioners	Trade Secret			< 5	Substance not classified as hazardous
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	64742-94-5	265-198-5		1 - 5	**Asp. Tox. 1**, H304 **Flam. Liq. 3**, H226; **Skin Irrit. 2**, H315; **STOT SE 3**, H336; **Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 1**, H410,M=1
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
Polysorbate 80	9005-65-6	500-019-9		1 - 5	Substance not classified as hazardous
Triethanolamine	102-71-6	203-049-8		0.5 - 1.5	Substance not classified as hazardous
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-	55965-84-9			<= 0.00144	**Acute Tox. 3**, H331; **Acute Tox. 3**, H311;

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isothiazolone.					**Acute Tox. 3**, H301; **Skin Corr. 1B**, H314; **Skin Sens. 1A**, H317; **Aquatic Acute 1**, H400,M=1; **Aquatic Chronic 1**, H410,M=1
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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

<u>Substance</u>	<u>Condition</u>
Hydrocarbons	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. 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.

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. 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 in a well-ventilated place. Keep container tightly closed. 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	
Naphthol Spirits (C10-C12)	64742-48-9	Manufacturer	TWA:100 ppm	

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; White, creamy lotion
Odor threshold	<i>No Data Available</i>
pH	8.4 - 8.9
Boiling point/boiling range	≥ 100 °C
Melting point	<i>Not Applicable</i>
Flammability (solid, gas)	Not Applicable
Explosive properties:	Not Classified
Oxidising properties:	Not Classified
Flash Point	≥ 93.3 °C [<i>Test Method</i> :Closed Cup]
Autoignition temperature	<i>No Data Available</i>
Flammable Limits(LEL)	<i>No Data Available</i>
Flammable Limits(UEL)	<i>No Data Available</i>
Vapor Pressure	<i>No Data Available</i>
Relative Density	1.18 [<i>Ref Std</i> :WATER=1]
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>

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Viscosity 24,000 - 38,000 mPa-s
Density 1.18 g/cm³

9.2. Other information

Molecular weight *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

Temperatures above the boiling point

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.

May cause additional health effects (see below).

Skin Contact:

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

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:

Single exposure may cause target organ effects:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

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

M101, Foam Cut Compound (21-89B): M10132

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
Naphthol Spirits (C10-C12)	Inhalation-Vapor (4 hours)		LC50 estimated to be 20 - 50 mg/l
Naphthol Spirits (C10-C12)	Dermal	Rabbit	LD50 > 5,000 mg/kg
Naphthol Spirits (C10-C12)	Ingestion	Rat	LD50 > 5,000 mg/kg
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Dermal	Rabbit	LD50 > 3,160 mg/kg
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 3 mg/l
HYDROTREATED LIGHT PETROLEUM DISTILLATES	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
Polysorbate 80	Dermal		LD50 estimated to be > 5,000 mg/kg
Polysorbate 80	Ingestion	Rat	LD50 > 38,000 mg/kg
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Dermal	Rabbit	LD50 > 2,000 mg/kg
HEAVY AROMATIC SOLVENT NAPHTHA (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
conditioners	Dermal		LD50 estimated to be > 5,000
conditioners	Ingestion		LD50 estimated to be > 5,000
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-3(2H)-isothiazolone.	Ingestion	Rat	LD50 40 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Aluminum Oxide (non-fibrous)	Rabbit	No significant irritation
Naphthol Spirits (C10-C12)	Rabbit	Mild irritant
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Rabbit	Mild irritant
WHITE MINERAL OIL (PETROLEUM)	Rabbit	No significant irritation
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Rabbit	Irritant
Glycerin	Rabbit	No significant irritation
conditioners	Human	Minimal 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

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Naphthol Spirits (C10-C12)	Rabbit	Mild irritant
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Rabbit	Mild irritant
WHITE MINERAL OIL (PETROLEUM)	Rabbit	Mild irritant
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Rabbit	Mild irritant
Glycerin	Rabbit	No significant irritation
conditioners	Rabbit	Mild irritant
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
Naphthol Spirits (C10-C12)	Guinea pig	Not classified
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Guinea pig	Not classified
WHITE MINERAL OIL (PETROLEUM)	Guinea pig	Not classified
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Guinea pig	Not classified
Glycerin	Guinea pig	Not classified
conditioners	Human	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
Aluminum Oxide (non-fibrous)	In Vitro	Not mutagenic
Naphthol Spirits (C10-C12)	In Vitro	Not mutagenic
Naphthol Spirits (C10-C12)	In vivo	Not mutagenic
HYDROTREATED LIGHT PETROLEUM DISTILLATES	In Vitro	Not mutagenic
WHITE MINERAL OIL (PETROLEUM)	In Vitro	Not mutagenic
conditioners	In Vitro	Not mutagenic
conditioners	In vivo	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
Naphthol Spirits (C10-C12)	Not Specified	Not available	Not carcinogenic
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Dermal	Mouse	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
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Glycerin	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
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
Naphthol Spirits (C10-C12)	Not Specified	Not classified for female reproduction	Rat	NOAEL Not available	premating & during gestation
Naphthol Spirits (C10-C12)	Not Specified	Not classified for male reproduction	Rat	NOAEL Not available	28 days
Naphthol Spirits (C10-C12)	Not Specified	Not classified for development	Rat	NOAEL Not available	during gestation
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 mg/kg/day	2 generation
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

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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
Naphthol Spirits (C10-C12)	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Naphthol Spirits (C10-C12)	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Not available	
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Not available	
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Professional judgement	NOAEL Not available	
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	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
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

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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
conditioners	Ingestion	heart hematopoietic system liver	Not classified	Rat	NOAEL 4,800 mg/kg/day	13 weeks
conditioners	Ingestion	kidney and/or bladder	Not classified	Mouse	NOAEL 13,000 mg/kg/day	13 weeks
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
Naphthol Spirits (C10-C12)	Aspiration hazard
HYDROTREATED LIGHT PETROLEUM DISTILLATES	Aspiration hazard
WHITE MINERAL OIL (PETROLEUM)	Aspiration hazard
HEAVY AROMATIC SOLVENT 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

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Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
Glycerin	56-81-5	Water flea	Experimental	24 hours	Effect Concentration 50%	>100 mg/l
Glycerin	56-81-5	Golden Orfe	Experimental	48 hours	Lethal Concentration 50%	>100 mg/l
Triethanolamine	102-71-6	Green algae	Experimental	72 hours	Effect Concentration 50%	216 mg/l
Triethanolamine	102-71-6	Water flea	Experimental	48 hours	Effect Concentration 50%	609.98 mg/l
Triethanolamine	102-71-6	Fathead Minnow	Experimental	96 hours	Lethal Concentration 50%	11,800 mg/l
Triethanolamine	102-71-6	Water flea	Experimental	21 days	No obs Effect Conc	16 mg/l
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Water flea	Estimated	48 hours	Effect Level 50%	1.4 mg/l
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Water flea	Estimated	21 days	No obs Effect Level	0.48 mg/l
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Rainbow Trout	Estimated	96 hours	Lethal Level 50%	2 mg/l
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Green Algae	Estimated	72 hours	Effect Concentration 50%	1 mg/l
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Green Algae	Estimated	72 hours	No obs Effect Level	1 mg/l
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	64742-94-5	Green Algae	Experimental	96 hours	Inhibitory Concentration 50%	4.2 mg/l
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	64742-94-5	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	2.34 mg/l
HEAVY AROMATIC SOLVENT	64742-94-5	Water flea	Experimental	48 hours	Effect Concentration 50%	0.95 mg/l

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NAPHTHA (PETROLEUM)						
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
Naphthol Spirits (C10- C12)	64742-48-9	Water flea	Unknown	21 days	No obs Effect Conc	<1 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
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	Fish	Experimental	96 hours	Lethal Concentration 50%	>100 mg/l
Aluminum Oxide (non-	1344-28-1	Water flea	Experimental	48 hours	Effect Concentration	>100 mg/l

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fibrous)					50%	
Aluminum Oxide (non-fibrous)	1344-28-1	Green algae	Experimental	72 hours	No obs Effect Conc	>100 mg/l
Polysorbate 80	9005-65-6	Rainbow Trout	Experimental	96 hours	Lethal Concentration 50%	90 mg/l
conditioners	Trade Secret	Zebra Fish	Experimental	96 hours	Lethal Concentration 50%	>10,000 mg/l

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Non-hazardous ingredients	Mixture	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
conditioners	Trade Secret	Experimental Biodegradation	28 days	Biological Oxygen Demand	64 % weight	OECD 301D - Closed Bottle Test
Triethanolamine	102-71-6	Experimental Biodegradation	19 days	Dissolv. Organic Carbon Deplet	96 % weight	OECD 301E - Modified OECD Scre
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	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Glycerin	56-81-5	Experimental Biodegradation	14 days	Biological Oxygen Demand	63 % weight	OECD 301C - MITI (I)
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Naphthol Spirits (C10-C12)	64742-48-9	Unknown Biodegradation	28 days	Percent degraded	31.3 % weight	Other methods
HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)	64742-94-5	Estimated Photolysis		Photolytic half-life (in air)	2.1 days (t 1/2)	Other methods
HEAVY	64742-94-5	Experimental	28 days	Biological	39 % weight	OECD 301D - Closed

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AROMATIC SOLVENT NAPHTHA (PETROLEUM)		Biodegradation		Oxygen Demand		Bottle Test
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	Experimental Biodegradation	28 days	Carbon dioxide evolution	0 % weight	OECD 301B - Mod. Sturm or CO2
Polysorbate 80	9005-65-6	Experimental Biodegradation	5 days	Biological Oxygen Demand	70 % weight	Other methods

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Non-hazardous ingredients	Mixture	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
conditioners	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Triethanolamine	102-71-6	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	-1	Other methods
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	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Glycerin	56-81-5	Experimental Bioconcentration		Log of Octanol/H2O part. coeff	-1.76	Other methods
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Naphthol Spirits (C10-C12)	64742-48-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
HEAVY AROMATIC	64742-94-5	Experimental Bioconcentration		Log of Octanol/H2O	6.1	Other methods

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SOLVENT NAPHTHA (PETROLEUM)		on		part. coeff		
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polysorbate 80	9005-65-6	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

Material	CAS No.	Ozone Depletion Potential	Global Warming Potential
non-hazardous ingredients	Mixture	0	

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)

120109* Machining emulsions and solutions free of halogens

SECTION 14: Transportation information

IATA: UN3082 Environmentally Hazardous Substance, Liquid, N.O.S (Solvent naphtha (petroleum), heavy aromatic), Class 9, PG III

IMDG: UN3082 Environmentally Hazardous Substance, Liquid, N.O.S (Solvent naphtha (petroleum), heavy aromatic), Class 9, PG III, Marine Pollutant: Solvent naphtha (petroleum), heavy aromatic

ADR: UN3082 Environmentally Hazardous Substance, Liquid, N.O.S (Solvent naphtha (petroleum), heavy aromatic), Class 9, PG III, M6

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 product are in compliance with the chemical notification requirements of TSCA.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and 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.

Revision information:

Section 02: CLP Ingredient table information was modified.
Section 02: Label Elements: CLP Percent Unknown information was modified.
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 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.
Section 12: Persistence and Degradability information information was modified.
Section 12:Biocumulative potential information information was modified.
Section 14: Transportation classification 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