



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

Mirror Glaze® Swirl Remover 2.0 (Professional) M09 [M0916]

#### Product Identification Numbers

14-1000-1171-8, 14-1000-1172-6  
7100178581, 7100216343

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Swirl remover/polish

#### 1.3. Supplier's details

<b>MANUFACTURER:</b>	Meguiar's, Inc.
<b>DIVISION:</b>	Meguiar's
<b>ADDRESS:</b>	213 Technology Dr, Irvine, CA 92618
<b>Telephone:</b>	1-800-347-5700

#### 1.4. Emergency telephone number

CHEMTREC 1-800-424-9300 (24 hours)

### SECTION 2: Hazard identification

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Reproductive Toxicity: Category 2.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Health Hazard |

**Pictograms****Hazard Statements**

Suspected of damaging fertility or the unborn child.

**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves.

**Response:**

IF exposed or concerned: Get medical advice/attention.

**Storage:**

Store locked up.

**Disposal:**

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

11% of the mixture consists of ingredients of unknown acute oral toxicity.

11% of the mixture consists of ingredients of unknown acute inhalation toxicity.

**SECTION 3: Composition/information on ingredients**

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	50 - 70 Trade Secret *
LIGHT AROMATIC HYDROCARBONS	64742-47-8	1 - 10 Trade Secret *
PETROLEUM DISTILLATES	68551-19-9	5 - 10 Trade Secret *
CLAY	Trade Secret*	5 - 10 Trade Secret *
GLYCERIN	56-81-5	1 - 5 Trade Secret *
WHITE MINERAL OIL	8042-47-5	1 - 5 Trade Secret *
PLANT OIL	Trade Secret*	1 - 5 Trade Secret *
2-AMINOISOBUTANOL	124-68-5	< 0.5 Trade Secret *

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

**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 you are concerned, get medical advice.

**Eye Contact:**

Flush eyes with large amounts of water. 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**

No critical symptoms or effects. 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. Suitable 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**

Hydrocarbons  
Carbon monoxide  
Carbon dioxide  
Irritant Vapors or Gases

**Condition**

During Combustion  
During Combustion  
During Combustion  
During Combustion

**5.3. Special protective actions for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

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

**7.2. Conditions for safe storage including any incompatibilities**

Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents.

**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
GLYCERIN	56-81-5	OSHA	TWA(as total dust):15 mg/m <sup>3</sup> ;TWA(respirable fraction):5 mg/m <sup>3</sup>	
Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles	56-81-5	ACGIH	TWA(inhalable particulates):10 mg/m <sup>3</sup>	
Particles (insoluble or poorly soluble) not otherwise specified, respirable particles	56-81-5	ACGIH	TWA(respirable particles):3 mg/m <sup>3</sup>	
MINERAL OILS, HIGHLY-REFINED OILS	8042-47-5	ACGIH	TWA(inhalable fraction):5 mg/m <sup>3</sup>	A4: Not class. as human carcin
Paraffin oil	8042-47-5	OSHA	TWA(as mist):5 mg/m <sup>3</sup>	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

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**

None required.

**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: Butyl Rubber  
Nitrile Rubber  
Natural Rubber

### 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

#### Appearance

Physical state  
Color

Liquid  
White

#### Odor

Pleasant Odor, Sweet Odor

#### Odor threshold

*No Data Available*

#### pH

8 - 9

#### Melting point

*Not Applicable*

#### Boiling Point

380 °F

#### Flash Point

≥ 200 °F [*Test Method*:Pensky-Martens Closed Cup]  
[*Details*:D93-90]

#### Evaporation rate

*No Data Available*

#### Flammability (solid, gas)

Not Applicable

#### Flammable Limits(LEL)

*No Data Available*

#### Flammable Limits(UEL)

*No Data Available*

#### Vapor Pressure

*No Data Available*

#### Vapor Density

*No Data Available*

#### Density

0.98 - 1.01 g/ml

#### Specific Gravity

0.98 - 1.01 [*Ref Std*:WATER=1]

#### Solubility in Water

Moderate

#### Solubility- non-water

*No Data Available*

#### Partition coefficient: n-octanol/ water

*No Data Available*

#### Autoignition temperature

*No Data Available*

#### Decomposition temperature

*No Data Available*

#### Viscosity

7,000 centipoise - 12,000 centipoise

#### Hazardous Air Pollutants

0 lb HAPS/lb solids

#### Molecular weight

*No Data Available*

#### Volatile Organic Compounds

6.3 % weight [*Test Method*:calculated per CARB title 2]

#### Volatile Organic Compounds

152 g/l [*Test Method*:calculated SCAQMD rule 443.1]

#### VOC Less H2O & Exempt Solvents

433.3 g/l [*Test Method*:calculated SCAQMD rule 443.1]

## 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 bases

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 be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

**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.

May cause additional health effects (see below).

**Additional Health Effects:****Reproductive/Developmental Toxicity:**

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**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	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
CLAY	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 2.07 mg/l
CLAY	Dermal	similar compounds	LD50 > 5,000 mg/kg
CLAY	Ingestion	similar compounds	LD50 > 5,000 mg/kg
LIGHT AROMATIC HYDROCARBONS	Ingestion	Rat	LD50 > 15,000 mg/kg
LIGHT AROMATIC HYDROCARBONS	Dermal	similar compounds	LD50 > 5,000 mg/kg
WHITE MINERAL OIL	Dermal	Rabbit	LD50 > 2,000 mg/kg
WHITE MINERAL OIL	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
2-AMINOISOBUTANOL	Dermal	Rabbit	LD50 > 2,000 mg/kg
2-AMINOISOBUTANOL	Ingestion	Rat	LD50 2,900 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
CLAY	Rabbit	No significant irritation
LIGHT AROMATIC HYDROCARBONS	similar compounds	Mild irritant
WHITE MINERAL OIL	Rabbit	No significant irritation
GLYCERIN	Rabbit	No significant irritation
2-AMINOISOBUTANOL	Rabbit	Irritant

**Serious Eye Damage/Irritation**

Name	Species	Value
CLAY	Rabbit	No significant irritation
LIGHT AROMATIC HYDROCARBONS	similar compounds	No significant irritation
WHITE MINERAL OIL	Rabbit	Mild irritant
GLYCERIN	Rabbit	No significant irritation
2-AMINOISOBUTANOL	Rabbit	Corrosive

**Skin Sensitization**

Name	Species	Value
LIGHT AROMATIC HYDROCARBONS	similar compounds	Not classified
WHITE MINERAL OIL	Guinea pig	Not classified
GLYCERIN	Guinea pig	Not classified
2-AMINOISOBUTANOL	Guinea pig	Not classified

**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
LIGHT AROMATIC HYDROCARBONS	In Vitro	Not mutagenic
WHITE MINERAL OIL	In Vitro	Not mutagenic
2-AMINOISOBUTANOL	In Vitro	Not mutagenic
2-AMINOISOBUTANOL	In vivo	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
WHITE MINERAL OIL	Dermal	Mouse	Not carcinogenic
WHITE MINERAL OIL	Inhalation	Multiple animal species	Not carcinogenic
GLYCERIN	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration
WHITE MINERAL OIL	Ingestion	Not classified for female reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
WHITE MINERAL OIL	Ingestion	Not classified for male reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
WHITE MINERAL OIL	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
2-AMINOISOBUTANOL	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	prematuring into lactation
2-AMINOISOBUTANOL	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	37 days
2-AMINOISOBUTANOL	Dermal	Not classified for development	Rat	NOAEL 300 mg/kg/day	during gestation
2-AMINOISOBUTANOL	Ingestion	Toxic to development	Rat	NOAEL 100 mg/kg/day	prematuring into lactation

**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
LIGHT AROMATIC HYDROCARBONS	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	
2-AMINOISOBUTANOL	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
CLAY	Inhalation	pneumoconiosis	Not classified	similar compounds	NOAEL not available	occupational exposure
LIGHT AROMATIC HYDROCARBONS	Inhalation	liver	Not classified	Rat	NOAEL 6 mg/l	13 weeks

LIGHT AROMATIC HYDROCARBONS	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1.5 mg/l	13 weeks
LIGHT AROMATIC HYDROCARBONS	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 6 mg/l	13 weeks
LIGHT AROMATIC HYDROCARBONS	Ingestion	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	13 weeks
LIGHT AROMATIC HYDROCARBONS	Ingestion	kidney and/or bladder	Not classified	Rat	LOAEL 100 mg/kg/day	13 weeks
LIGHT AROMATIC HYDROCARBONS	Ingestion	hematopoietic system   eyes	Not classified	Rat	NOAEL 1,000 mg/kg/day	13 weeks
WHITE MINERAL OIL	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,381 mg/kg/day	90 days
WHITE MINERAL OIL	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
2-AMINOISOBUTANOL	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 23 mg/kg/day	90 days
2-AMINOISOBUTANOL	Ingestion	blood   eyes   kidney and/or bladder	Not classified	Dog	NOAEL 2.8 mg/kg/day	1 years

**Aspiration Hazard**

Name	Value
LIGHT AROMATIC HYDROCARBONS	Aspiration hazard
WHITE MINERAL OIL	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**

**Ecotoxicological information**

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

**Chemical fate information**

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

**SECTION 13: Disposal considerations**

**13.1. Disposal 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.

## SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact manufacturer for more information

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Not applicable

##### Health Hazards

Reproductive toxicity

### 15.2. State Regulations

Contact manufacturer for more information

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact manufacturer for more information

### 15.4. International Regulations

Contact manufacturer for more information

**This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

## SECTION 16: Other information

#### NFPA Hazard Classification

**Health:** 1 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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