

Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

M93, Marine Metal Polish (19-133E): M9314

Product Identification Numbers

14-1000-1325-0

1.2. Recommended use and restrictions on use

Recommended use

Metal cleaner/polish, Marine

1.3. Supplier's details

MANUFACTURER: Meguiar's, Inc. DIVISION: Meguiar's

ADDRESS: 17991 Mitchell South, Irvine, CA 92614, USA

Telephone: 949-752-8000 (Fax: 949-752-5784)

1.4. Emergency telephone number

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

SECTION 2: Hazard identification

2.1. Hazard classification

Skin Corrosion/Irritation: Category 2.

Specific Target Organ Toxicity (central nervous system): Category 3.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark

Pictograms



Hazard Statements

Causes skin irritation.

May cause drowsiness or dizziness.

Precautionary Statements

General:

Keep out of reach of children.

Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wash thoroughly after handling.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Specific treatment (see Notes to Physician on this label).

Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal:

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

2.3. Hazards not otherwise classified

None.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
ALUMINUM OXIDE	1344-28-1	15 - 40 Trade Secret *
PETROLEUM DISTILLATES	64742-47-8	10 - 30 Trade Secret *
PETROLEUM DISTILLATES	64742-48-9	10 - 30 Trade Secret *
CONDITIONERS	Trade Secret*	< 10 Trade Secret *
STEARIC ACID	57-11-4	1 - 5 Trade Secret *
CERAMIC MATERIALS AND WARES,	66402-68-4	1 - 5 Trade Secret *
CHEMICALS		

^{*}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:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eve 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. Suitable extinguishing media

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance Carbon monoxide

Carbon dioxide

Irritant Vapors or Gases

Condition

During Combustion
During Combustion
During Combustion

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

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.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ingredient ALUMINUM OXIDE	C.A.S. No. 1344-28-1	Agency Chemical Manufacturer Rec Guid	Limit type TWA:1 fiber/cc	Additional Comments
ALUMINUM OXIDE	1344-28-1	US Dept of Labor - OSHA	TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3	
Kerosine (petroleum)	64742-47-8	Amer Conf of Gov. Indust. Hyg.	TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m3	Skin Notation
PETROLEUM DISTILLATES	64742-47-8	Chemical Manufacturer Rec Guid	TWA:165 ppm	
PETROLEUM DISTILLATES	64742-48-9	Manufacturer determined	TWA:100 ppm	

Amer Conf of Gov. Indust. Hyg.: American Conference of Governmental Industrial Hygienists

American Indust. Hygiene Assoc : American Industrial Hygiene Association

Chemical Manufacturer Rec Guid : Chemical Manufacturer's Recommended Guidelines

US Dept of Labor - 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

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:

As a good industrial hygiene practice:

Wear eye/face protection.

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

Gloves made from the following material(s) are recommended: Neoprene

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

9.1. Information on basic physical and chemical properties

General Physical Form: Solid **Specific Physical Form:** Paste

Odor, Color, Grade: Pleasant, sweet odor; Soft, glossy, deep blue cream

Odor threshold No Data Available pН Not Applicable Not Applicable **Melting point**

380 °F **Boiling Point**

Flash Point Flash point > 93 °C (200 °F)

No Data Available **Evaporation rate** Not Classified Flammability (solid, gas) Flammable Limits(LEL) No Data Available Flammable Limits(UEL) No Data Available No Data Available Vapor Pressure

No Data Available **Vapor Density**

Density 0.89 g/cm3

0.89 [*Ref Std:* WATER=1] **Specific Gravity**

Solubility in Water Slight (less than 10%) No Data Available Solubility- non-water

Partition coefficient: n-octanol/ water No Data Available **Autoignition temperature** No Data Available **Decomposition temperature** No Data Available Viscosity No Data Available **Volatile Organic Compounds** 29.49 % weight **VOC Less H2O & Exempt Solvents** No Data Available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Temperatures above the boiling point

10.5. Incompatible materials

None known.

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.

May cause target organ effects after inhalation.

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.

May cause target organ effects after ingestion.

Target Organ Effects:

Single exposure may cause:

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

Toxicological Data

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		Data not available or insufficient for classification;
•			calculated ATE > 5,000 mg/kg
ALUMINUM OXIDE	Dermal		LD50 estimated to be > 5,000 mg/kg
ALUMINUM OXIDE	Inhalation-	Rat	LC50 > 2.3 mg/l
	Dust/Mist		
	(4 hours)		
ALUMINUM OXIDE	Ingestion	Rat	LD50 > 5,000 mg/kg
PETROLEUM DISTILLATES	Inhalation-		LC50 estimated to be 20 - 50 mg/l
	Vapor		
PETROLEUM DISTILLATES	Dermal	Rabbit	LD50 > 3,000 mg/kg
PETROLEUM DISTILLATES	Ingestion	Rat	LD50 > 5,000 mg/kg
PETROLEUM DISTILLATES	Dermal	Rabbit	LD50 > 3,160 mg/kg
PETROLEUM DISTILLATES	Inhalation-	Rat	LC50 > 3.0 mg/l
	Dust/Mist		
	(4 hours)		
PETROLEUM DISTILLATES	Ingestion	Rat	LD50 > 5,000 mg/kg
CONDITIONERS	Ingestion	Rat	LD50 > 15,000 mg/kg
CERAMIC MATERIALS AND WARES, CHEMICALS	Dermal		LD50 estimated to be > 5,000 mg/kg
CERAMIC MATERIALS AND WARES, CHEMICALS	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
STEARIC ACID	Dermal	Rabbit	LD50 > 2,000 mg/kg
STEARIC ACID	Ingestion	Rat	LD50 > 5,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
ALUMINUM OXIDE	Rabbit	No significant irritation
PETROLEUM DISTILLATES	Rabbit	Irritant
PETROLEUM DISTILLATES	Rabbit	Mild irritant
CONDITIONERS		Data not available or insufficient for classification
CERAMIC MATERIALS AND WARES, CHEMICALS	Rabbit	No significant irritation
STEARIC ACID	Rabbit	Mild irritant

Serious Eye Damage/Irritation

Name	Species	Value
ALUMINUM OXIDE	Rabbit	No significant irritation
PETROLEUM DISTILLATES	Rabbit	No significant irritation
PETROLEUM DISTILLATES	Rabbit	Mild irritant
CONDITIONERS		Data not available or insufficient for classification
CERAMIC MATERIALS AND WARES, CHEMICALS	Rabbit	Mild irritant
STEARIC ACID		Moderate irritant

Skin Sensitization

Name	Species	Value
ALUMINUM OXIDE		Data not available or insufficient for classification
PETROLEUM DISTILLATES	Guinea	Not sensitizing
	pig	
PETROLEUM DISTILLATES	Guinea	Not sensitizing
	pig	
CONDITIONERS		Data not available or insufficient for classification
CERAMIC MATERIALS AND WARES, CHEMICALS		Data not available or insufficient for classification
STEARIC ACID		Data not available or insufficient for classification

Respiratory Sensitization

Name	Species	Value
ALUMINUM OXIDE		Data not available or insufficient for classification
PETROLEUM DISTILLATES		Data not available or insufficient for classification
PETROLEUM DISTILLATES		Data not available or insufficient for classification
CONDITIONERS		Data not available or insufficient for classification
CERAMIC MATERIALS AND WARES, CHEMICALS		Data not available or insufficient for classification
STEARIC ACID		Data not available or insufficient for classification

Germ Cell Mutagenicity

Name	Route	Value
ALUMINUM OXIDE	In Vitro	Not mutagenic
PETROLEUM DISTILLATES	In vivo	Not mutagenic
PETROLEUM DISTILLATES	In Vitro	Some positive data exist, but the data are not
		sufficient for classification
PETROLEUM DISTILLATES	In Vitro	Not mutagenic
CONDITIONERS		Data not available or insufficient for classification
CERAMIC MATERIALS AND WARES, CHEMICALS	In Vitro	Some positive data exist, but the data are not
		sufficient for classification
STEARIC ACID	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
ALUMINUM OXIDE	Inhalation	Rat	Not carcinogenic
PETROLEUM DISTILLATES	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
PETROLEUM DISTILLATES	Inhalation	Human and animal	Some positive data exist, but the data are not sufficient for classification
PETROLEUM DISTILLATES	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
CONDITIONERS			Data not available or insufficient for classification
CERAMIC MATERIALS AND WARES, CHEMICALS	Inhalation	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
STEARIC ACID	Ingestion	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
ALUMINUM OXIDE		Data not available or insufficient for classification			
PETROLEUM DISTILLATES	Inhalation	Not toxic to development	Rat	NOAEL 2.4 mg/l	during organogenesi s
PETROLEUM DISTILLATES		Data not available or insufficient for classification			
CONDITIONERS		Data not available or insufficient for classification			
CERAMIC MATERIALS AND WARES, CHEMICALS		Data not available or insufficient for classification			

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ALUMINUM OXIDE			Data not available or insufficient for classification			
PETROLEUM DISTILLATES	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
PETROLEUM DISTILLATES	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
PETROLEUM DISTILLATES	Inhalation	nervous system	Some positive data exist, but the data are not sufficient for classification	Dog	NOAEL 6.5 mg/l	4 hours
PETROLEUM DISTILLATES	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL Not available	
	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for		NOAEL Not available	

PETROLEUM			classification		
DISTILLATES					
CONDITIONERS			Data not available or insufficient		
			for classification		
CERAMIC MATERIALS			Data not available or insufficient		
AND WARES,			for classification		
CHEMICALS					
STEARIC ACID	Inhalation	respiratory irritation	Some positive data exist, but the	NOAEL Not	
			data are not sufficient for	available	
			classification		

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
ALUMINUM OXIDE	Inhalation	pneumoconiosis pulmonary fibrosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure
PETROLEUM DISTILLATES	Inhalation	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 4.6 mg/l	6 months
PETROLEUM DISTILLATES	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 1.9 mg/l	13 weeks
PETROLEUM DISTILLATES	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL 0.6 mg/l	90 days
PETROLEUM DISTILLATES	Inhalation	bone, teeth, nails, and/or hair blood liver muscles	All data are negative	Rat	NOAEL 5.6 mg/l	12 weeks
PETROLEUM DISTILLATES	Inhalation	heart	All data are negative	Multiple animal species	NOAEL 1.3 mg/l	90 days
PETROLEUM DISTILLATES			Data not available or insufficient for classification			
CONDITIONERS			Data not available or insufficient for classification			
CERAMIC MATERIALS AND WARES, CHEMICALS	Inhalation	pulmonary fibrosis	Some positive data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL not available	
CERAMIC MATERIALS AND WARES, CHEMICALS	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL not available	occupational exposure
STEARIC ACID	Ingestion	blood	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL Not available	6 weeks

Aspiration Hazard

Aspirution Huzuru				
Name	Value			
ALUMINUM OXIDE	Not an aspiration hazard			
PETROLEUM DISTILLATES	Aspiration hazard			
PETROLEUM DISTILLATES	Aspiration hazard			
CONDITIONERS	Not an aspiration hazard			
CERAMIC MATERIALS AND WARES, CHEMICALS	Not an aspiration hazard			
STEARIC ACID	Not an 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. 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.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

General Transportation Statement

This product does not require classification by DOT, IATA, ICAO or IMDG.

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact manufacturer for more information

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No

Reactivity Hazard - No

Immediate Hazard - Yes

Delayed Hazard - No

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

Ingredient

<u>C.A.S. No</u>

% by Wt

ALUMINUM OXIDE

1344-28-1

Trade Secret 15 - 40

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.

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: 2 Flammability: 0 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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