



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

M52, Quick Clean Marine (19-187B): M5216

Product Identification Numbers

14-1000-1255-9

1.2. Recommended use and restrictions on use

Recommended use

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

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

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

2.3. Hazards not otherwise classified

None.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|----------------------|---------------|--------------------------|
| Water | 7732-18-5 | 88 - 98 Trade Secret * |
| Conditioners | Trade Secret* | < 5 Trade Secret * |
| 1-Propoxy-2-Propanol | 1569-01-3 | 0.5 - 1.5 Trade Secret * |
| Propylene Glycol | 57-55-6 | 0.5 - 1.5 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 signs/symptoms develop, get medical attention.

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

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.

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> |
|--------------------------|-------------------|
| Aldehydes | During Combustion |
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |
| Irritant Vapors or Gases | During Combustion |

5.3. Special protective actions 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

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

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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 |
|-------------------|-------------------|---------------|--------------------------|----------------------------|
| Propylene Glycol | 57-55-6 | AIHA | TWA(as aerosol):10 mg/m3 | |

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

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| General Physical Form: | Liquid |
| Odor, Color, Grade: | Pleasant odor; Light, milky blue, watery liquid |
| Odor threshold | <i>No Data Available</i> |
| pH | 7.5 - 8.5 |
| Melting point | <i>Not Applicable</i> |
| Boiling Point | 212 °F |
| Flash Point | Flash point > 93 °C (200 °F) |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | <i>Not Applicable</i> |
| Flammable Limits(UEL) | <i>Not Applicable</i> |
| Vapor Pressure | <i>No Data Available</i> |
| Vapor Density | <i>No Data Available</i> |
| Density | 1 g/cm ³ |
| Specific Gravity | 1 [Ref Std: WATER=1] |
| Solubility in Water | Complete |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>Not Applicable</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Viscosity | <i>No Data Available</i> |
| Volatile Organic Compounds | 1.20 % weight |
| Percent volatile | 11 % |
| VOC Less H₂O & Exempt Solvents | 959.48 g/l |

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

None known.

10.5. Incompatible materials

None known.

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 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:

Sprayed material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

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

Eye Contact:

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

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|----------------------|--------------------------------|---------|---|
| Overall product | Ingestion | | No data available; calculated ATE > 5,000 mg/kg |
| 1-Propoxy-2-Propanol | Dermal | Rabbit | LD50 2,805 mg/kg |
| 1-Propoxy-2-Propanol | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 11.8 mg/l |
| 1-Propoxy-2-Propanol | Ingestion | Rat | LD50 2,500 mg/kg |
| Propylene Glycol | Dermal | Rabbit | LD50 20,800 mg/kg |
| Propylene Glycol | Ingestion | Rat | LD50 22,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|----------------------|---------|---------------------------|
| 1-Propoxy-2-Propanol | Rabbit | Minimal irritation |
| Propylene Glycol | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|----------------------|---------|---------------------------|
| 1-Propoxy-2-Propanol | Rabbit | Severe irritant |
| Propylene Glycol | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|------------------|---------|--|
| Propylene Glycol | Human | Some positive data exist, but the data are not sufficient for classification |

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 |
|----------------------|----------|---------------|
| 1-Propoxy-2-Propanol | In Vitro | Not mutagenic |
| Propylene Glycol | In Vitro | Not mutagenic |
| Propylene Glycol | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|------------------|-----------|-------------------------|------------------|
| Propylene Glycol | Dermal | Mouse | Not carcinogenic |
| Propylene Glycol | Ingestion | Multiple animal species | Not carcinogenic |

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

| Name | Route | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|--|-------------------------|------------------------|----------------------|
| 1-Propoxy-2-Propanol | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification | Rat | NOAEL 3.6 mg/l | during organogenesis |
| Propylene Glycol | Ingestion | Not toxic to female reproduction | Mouse | NOAEL 10,100 mg/kg/day | 2 generation |
| Propylene Glycol | Ingestion | Not toxic to male reproduction | Mouse | NOAEL 10,100 mg/kg/day | 2 generation |
| Propylene Glycol | Ingestion | Not toxic to development | Multiple animal species | NOAEL 1,230 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 |
|----------------------|------------|-----------------------------------|--|-------------------------|---------------------|------------------------|
| 1-Propoxy-2-Propanol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | LOAEL 10.8 mg/l | 6 hours |
| 1-Propoxy-2-Propanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| 1-Propoxy-2-Propanol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Rat | LOAEL 1,770 mg/kg | not applicable |
| Propylene Glycol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | poisoning and/or abuse |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|-------------------------------|--|-------------------------|-----------------------|-------------------|
| 1-Propoxy-2-Propanol | Inhalation | liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 9.5 mg/l | 11 days |
| Propylene Glycol | Ingestion | hematopoietic system | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL 1,370 mg/kg/day | 117 days |
| Propylene Glycol | Ingestion | kidney and/or bladder | All data are negative | Dog | NOAEL 5,000 mg/kg/day | 104 weeks |

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

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.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

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

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: 1 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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