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In case of **emergency or spill**, contact CHEMTREC at 800-424-9300

## **MATERIAL SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product Name:** M92 - Marine Metal Guard Aerosol

**Print date:** 07/27/2007

**Reference Number:** 13384-10-001 (XP3-179A) **Prepared Date:** 04/09/2007

#### **Use of the Substance/Preparation**

**Recommended use:** Surface Protection.

#### **Company/Undertaking Identification**

**Meguiar's Holland**  
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33174 DA Dordrecht  
Holland  
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**Meguiar's Hong Kong**  
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Tel: 852-2967-0202

**Meguiar's France**  
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France  
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**Meguiar's UK Ltd.**  
3 Lamport Court  
Heartlands  
Daventry NN11 8UF  
Tel: 0870 241 6696  
Fax: 01327 300 116

### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Hazardous Ingredients**

| Components        | CAS #     | % Weight | OSHA PEL TWA                       | EINECS No. | Classification         |
|-------------------|-----------|----------|------------------------------------|------------|------------------------|
| Propane           | 74-98-6   | 10-30    | 1000 ppm<br>1800 mg/m <sup>3</sup> | 200-827-9  | F+;R12                 |
| PNP Glycol Ether  | 1569-01-3 | 10-30    | None                               | 216-372-4  | ---                    |
| Isobutane         | 75-28-5   | 5-10     | None                               | 200-857-2  | F+;R12                 |
| Acetone           | 67-64-1   | 1-10     | None                               | 200-662-2  | F;R11; R66; R67;Xi;R36 |
| Isopropyl Alcohol | 67-63-0   | 1-10     | 400 ppm<br>980 mg/m <sup>3</sup>   | 200-661-7  | F;R11 Xi;R36 R67       |

### **3. HAZARDS IDENTIFICATION**

#### **Most important hazards:**

Flammable. Do not puncture or incinerate container Causes eye irritation This product contains chemicals listed on Canada WHMIS. See Section 15.

### **4. FIRST AID MEASURES**

|                        |                                                                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice:</b> | In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).                                                                             |
| <b>Inhalation:</b>     | Prolonged or intentional exposure to high concentrations may cause respiratory track irritation. Avoid breathing vapors or mists. Move to fresh air. If symptoms persist, call a physician. |
| <b>Skin contact:</b>   | Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.                                                                                          |
| <b>Eye contact:</b>    | Flush eye(s) immediately with plenty of water. Call a physician immediately                                                                                                                 |
| <b>Ingestion:</b>      | Drink 1 or 2 glasses of water. Induce vomiting, but only if victim is fully conscious. Call a physician immediately. Aspiration may cause pulmonary oedema and pneumonitis.                 |

## 5. FIRE-FIGHTING MEASURES

**NFPA:**

**Health:** 1

**Flammability:** 2

**Reactivity:** 1

**Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Specific hazards:**

Heating can release hazardous gases.

**Special protective equipment for firefighters:**

In the event of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus for fire fighting if necessary.

**Extinguishing media which must not be used for safety reasons:**

Water. High volume water jet.

**Specific methods:**

Water mist may be used to cool closed containers.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. Remove all sources of ignition.

**Environmental precautions:** Local authorities should be advised if significant spillages cannot be contained. Do not contaminate surface water. Prevent further leakage or spillage.

**Methods for cleaning up:** Wipe up with absorbent material (e.g. cloth, fleece). Dispose of contaminated material as waste according to item 13. See section 7 for information on safe handling.

## 7. HANDLING AND STORAGE

### Handling:

#### **Technical measures/precautions:**

Use only in area well ventilated area

Keep containers tightly closed in a cool, well-ventilated place

#### **Safe handling advice:**

Avoid formation of aerosol. Keep away from sources of ignition - no smoking. Take measures to prevent the build up of electrostatic charge.

### Storage:

Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat and sources of ignition. Keep away from direct sunlight.

#### **Incompatible products:**

Do not store together with acids or oxidizers. Do not store together with alkalis (caustic solutions).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:** Ensure adequate ventilation..

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection:</b>   | If used indoors on a continuous basis, use of a cartridge type respirator (NIOSH/MSHATC 23C or equivalent) is recommended. |
| <b>Skin and body protection:</b> | Impervious clothing.                                                                                                       |
| <b>Eye protection:</b>           | Avoid contact with eyes. If splashes are likely to occur, wear: Goggles.                                                   |
| <b>Hand protection:</b>          | Preventative skin protection: Neoprene Gloves..                                                                            |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

**Appearance:** Aerosol  
**Color:** Clear

**Physical state:** Liquid  
**Odor:** None Characteristic

### Important Health Safety and Environmental Information

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| <b>pH @70° F:</b>           | N/A                                                    |
| <b>Flash point:</b>         | Flame extension: 45 cm <b>Method:</b> PMCC-ASTM D93-90 |
| <b>Boiling point/range:</b> | N/A                                                    |
| <b>Water Solubility:</b>    | Not determined                                         |
| <b>Vapor density:</b>       | >1                                                     |
| <b>Evaporation rate:</b>    | >1                                                     |
| <b>VOC content:</b>         | 45%                                                    |
| <b>Specific gravity:</b>    | 0.83                                                   |

## 10. STABILITY AND REACTIVITY

|                                          |                                                        |
|------------------------------------------|--------------------------------------------------------|
| <b>Stability:</b>                        | Stable under recommended storage conditions.           |
| <b>Polymerization:</b>                   | None under normal processing.                          |
| <b>Conditions to avoid:</b>              | Direct sources of heat. Exposure to sunlight.          |
| <b>Materials to avoid:</b>               | Strong acids,, Strong oxidizing agents, Strong alkalis |
| <b>Hazardous decomposition products:</b> | None reasonably foreseeable                            |

## 11. TOXICOLOGICAL INFORMATION

### Component Information

**Additional Information:** The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

### Product Information

**Aquatic toxicity:** No information available

### Component Information

**Ecotoxicity effects:** No data is available on the product itself.

## 13. DISPOSAL CONSIDERATIONS

### **Waste from residues / unused products:**

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

### **Contaminated packaging:**

Disposal must be made according to local and federal regulations.

### **Ewc waste disposal no:**

Not applicable

### **Further information**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

## 14. TRANSPORT INFORMATION

### General Transportation Statement

- DOT: Consumer Commodity ORM-D

UN-No: 1950

#### ADR/RID:

Proper shipping name: Aerosols, flammable (each not exceeding 1 L capacity)  
Class: 2  
Packing group: None  
Labels: Flammable

#### Maritime transport IMDG:

Proper shipping name: Aerosols, flammable (each not exceeding 1 L capacity)  
Class: 2  
Packing group: None  
Labels: Flammable

#### Air transport ICAO-TI and IATA-DGR:

Proper shipping name: Aerosols, flammable (each not exceeding 1 L capacity)  
Class: 2.1  
Packing group: None  
Labels: Flammable

#### Other information:

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements and mode-specific or quantity-specific shipping requirements.

## 15. REGULATORY INFORMATION

| Components                 | TSCA    | DSL/NDSL | Canada - WHMIS Classification |
|----------------------------|---------|----------|-------------------------------|
| Propane 74-98-6            | Present | Present  |                               |
| PNP Glycol Ether 1569-01-3 | Present | Present  |                               |
| Isobutane 75-28-5          | Present | Present  |                               |
| Acetone 67-64-1            | Present | Present  |                               |
| Isopropyl Alcohol 67-63-0  | Present | Present  | D2;D2B                        |

#### CERCLA/SARA 313 Emission reporting

None

## 16. OTHER INFORMATION

Prepared by: Health & Safety  
Literary reference: None

**Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist

End of Safety Data Sheet