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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:** M49 - Heavy Duty Oxidation Remover

**Print date:** 03/25/2005

**Reference Number:** 11-89D

**Prepared Date:** 08/23/2002

#### Use of the Substance/Preparation

**Recommended use:** Cleaning agent.

#### Company/Undertaking Identification

**Meguiar's Holland**  
Laan der Verenigde Naties 40  
33174 DA Dordrecht  
Holland  
Tel: 31-78-6210268

**Meguiar's Hong Kong**  
Suite 6-7, 20/F Marina House  
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**Meguiar's France**  
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Tel: 33-1-46-10-47-81

**Meguiar's UK Ltd.**  
14 Cottesbrooke Park  
Heartlands  
Daventry NN11 5YL  
Tel: 0870 241 6696  
Fax: 01327 300 116

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical nature of the preparation

Components	CAS #	% Weight	OSHA PEL TWA	EINECS No.	Classification
Dialuminum Trioxide	1344-28-1	10-20	= 15 mg/m <sup>3</sup> TWA (total dust) = 5 mg/m <sup>3</sup> TWA (respirable fraction)	215-691-6	R10, 15
Conditioners	TS	1-5	None	---	

### 3. HAZARDS IDENTIFICATION

**Most important hazards:** This product contains chemicals listed on Canada WHMIS. See Section 15.

### 4. FIRST AID MEASURES

**General Advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

<b>Inhalation:</b>	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 eyes with water as a precaution. If symptoms persist, call a physician
<b>Ingestion:</b>	Rinse mouth. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**NFPA:**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

**Suitable extinguishing media:**

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

**Specific hazards:**

Not applicable

**Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

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

Not applicable

**Specific methods:**

Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Ensure adequate ventilation. Avoid contact with skin and eyes

**Environmental precautions:**

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

**Methods for cleaning up:**

Wipe up with absorbent material (e.g. cloth, fleece).

## 7. HANDLING AND STORAGE

**Handling:**

**Technical measures/precautions:**

Use only in area well ventilated area.

**Safe handling advice:**

None under normal processing

**Storage:**

Store at room temperature in the original container. Do not freeze.

**Incompatible products:**

Do not store together with acids or oxidizers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures to reduce exposure:</b>	Ensure adequate ventilation..
<b>Respiratory protection:</b>	No personal respiratory protective equipment normally required.
<b>Skin and body protection:</b>	No special precautions required..
<b>Eye protection:</b>	Avoid contact with eyes. If splashes are likely to occur, wear: Goggles
<b>Hand protection:</b>	Preventive skin protection: Neoprene Gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Appearance:</b>	Liquid	<b>Physical state:</b>	Liquid
<b>Color:</b>	White	<b>Odor:</b>	Sweet

### Important Health Safety and Environmental Information

<b>pH @70° F:</b>	N/A	<b>Method:</b>	PMCC-ASTM D93-90
<b>Flash point:</b>	200 (°F), 93 (°C)		
<b>Boiling point/range:</b>	390 (°F), 199 (°C)		
<b>Water Solubility:</b>	Negligible		
<b>Vapor density:</b>	>1		
<b>Evaporation rate:</b>	<1		
<b>VOC content:</b>	11% max.		
<b>Specific gravity:</b>	1.10		

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Polymerization:</b>	None under normal processing.
<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight
<b>Materials to avoid:</b>	Strong acids and strong bases. Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Not determined

## 11. TOXICOLOGICAL INFORMATION

### Component Information

<b>Additional Information:</b>	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.
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Product Information**

**Aquatic toxicity:** No information available

**Component Information**

**Ecotoxicity effects:** Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**

In accordance with local and national regulations.

**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**

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

**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
Dialuminum Trioxide 1344-28-1	XU	Present	F; B6

**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**