Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: A12, Car Cleaner Wax - Liquid (22-36A): A1216
MANUFACTURER: Meguiar's, Inc.
DIVISION: Meguiar's
ADDRESS: 17991 Mitchell South, Irvine, CA 92614
Telephone: 949-752-8000 (Fax: 949-752-5784)

Issue Date: 06/12/13
Supercedes Date: Initial Issue
Document Group: 31-4419-3

Product Use:
Intended Use: Automotive
Specific Use: Liquid wax

SECTION 2: INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
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<tbody>
<tr>
<td>NON-HAZARDOUS INGREDIENTS</td>
<td>Mixture</td>
<td>50-70</td>
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<tr>
<td>PETROLEUM DISTILLATES</td>
<td>64742-88-7</td>
<td>10-30</td>
</tr>
<tr>
<td>PETROLEUM DISTILLATES</td>
<td>64742-47-8</td>
<td>3-7</td>
</tr>
<tr>
<td>CALCINED CLAY</td>
<td>66402-68-4</td>
<td>1-5</td>
</tr>
<tr>
<td>POLY(DIMETHYLSILOXANE)</td>
<td>63148-62-9</td>
<td>1-5</td>
</tr>
<tr>
<td>CALCINED KAOLIN</td>
<td>92704-41-1</td>
<td>1-5</td>
</tr>
<tr>
<td>CONDITIONERS</td>
<td>Trade Secret</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW
Odor, Color, Grade: Sweet, pleasant odor; Creamy, ivory liquid
General Physical Form: Liquid
Immediate health, physical, and environmental hazards: May cause target organ effects.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:
Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Skin Contact:
Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Inhalation:
Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
May be absorbed following inhalation and cause target organ effects.

Ingestion:
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
May be absorbed following ingestion and cause target organ effects.

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

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.
If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

5.1 FLAMMABLE PROPERTIES

- **Autoignition temperature**: No Data Available
- **Flash Point**: Flash point > 93 °C (200 °F)
- **Flammable Limits (LEL)**: No Data Available
- **Flammable Limits (UEL)**: No Data Available

5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

- **Special Fire Fighting Procedures**: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).
- **Unusual Fire and Explosion Hazards**: Not applicable.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

6.2. Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods

Observe precautions from other sections. 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. Clean up residue with water.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

**SECTION 7: HANDLING AND STORAGE**
7.1 **HANDLING**
Keep out of the reach of children. Avoid breathing of vapors, mists or spray. Avoid skin contact. Avoid eye contact with vapors, mists, or spray. Avoid contact with oxidizing agents. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

7.2 **STORAGE**
Store away from acids. Store away from heat. Store out of direct sunlight. Store away from oxidizing agents. Store away from areas where product may come into contact with food or pharmaceuticals.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 **ENGINEERING CONTROLS**
Use in a well-ventilated area.

8.2 **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

8.2.1 **Eye/Face Protection**
Avoid eye contact with vapors, mists, or spray.
The following eye protection(s) are recommended: Safety Glasses with side shields.

8.2.2 **Skin Protection**
Avoid skin contact.
Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.
Gloves made from the following material(s) are recommended: Neoprene.

8.2.3 **Respiratory Protection**
Avoid breathing of vapors, mists or spray.
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.

8.2.4 **Prevention of Swallowing**
Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.3 **EXPOSURE GUIDELINES**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Authority</th>
<th>Type</th>
<th>Limit</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROLEUM DISTILLATES</td>
<td>CMRG</td>
<td>TWA</td>
<td>165 ppm</td>
<td></td>
</tr>
<tr>
<td>Kerosine (petroleum)</td>
<td>ACGIH</td>
<td>TWA, as total hydrocarbon vapor, non-aerosol</td>
<td>200 mg/m3</td>
<td>Skin Notation*</td>
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<tr>
<td>PETROLEUM DISTILLATES</td>
<td>CMRG</td>
<td>TWA</td>
<td>100 ppm</td>
<td></td>
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<tr>
<td>MINERAL OILS, HIGHLY-REFINED OILS</td>
<td>ACGIH</td>
<td>TWA, inhalable fraction</td>
<td>5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Paraffin oil</td>
<td>OSHA</td>
<td>TWA, as mist</td>
<td>5 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

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SOURCE OF EXPOSURE LIMIT DATA:
ACGIH: American Conference of Governmental Industrial Hygienists
CMRG: Chemical Manufacturer Recommended Guideline
OSHA: Occupational Safety and Health Administration
AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade: Sweet, pleasant odor; Creamy, ivory liquid
General Physical Form: Liquid
Autoignition temperature
Flash Point Flash point > 93 °C (200 °F)
Flammable Limits(LEL)
Flammable Limits(UEL) No Data Available
Boiling Point 390 °F
Density 0.91 - 1.01 g/cm³
Vapor Density No Data Available
Vapor Pressure No Data Available
Specific Gravity 0.91 - 1.01 [Ref Std: WATER=1]
pH 8.5 - 9.2
Melting point Not Applicable
Solubility in Water Moderate
Evaporation rate No Data Available
Volatile Organic Compounds 14.66 % weight
Kow - Oct/Water partition coef No Data Available
Viscosity 26,000 - 32,000 centipoise

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:
10.1 Conditions to avoid
Heat

10.2 Materials to avoid
Strong acids
Strong bases
Strong oxidizing agents

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products
### Substance
- Formaldehyde
- Carbon monoxide
- Carbon dioxide
- Irritant Vapors or Gases

### Condition
- During Combustion
- During Combustion
- During Combustion
- During Combustion

### SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION**

Not determined.

**CHEMICAL FATE INFORMATION**

Not determined.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of waste product in a facility permitted to accept chemical waste. As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material.

**EPA Hazardous Waste Number (RCRA):** Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

### SECTION 14: TRANSPORT INFORMATION

**General Transportation Statement:** This product does not require classification by DOT, IATA, ICAO or IMDG.

**ID Number(s):**
- 14-1000-0013-3, 14-1000-0014-1, 14-1000-0015-8, 14-1000-0016-6

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

### SECTION 15: REGULATORY INFORMATION

**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
STATE REGULATIONS
Contact manufacturer for more information

* WARNING: contains a chemical or chemicals which can cause birth defects or other reproductive harm.

CHEMICAL INVENTORIES
The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact manufacturer for more information

INTERNATIONAL REGULATIONS
Contact manufacturer for more information

This MSDS 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  Reactivity: 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.

No revision information is available.

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