



## Material Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** D110, Detailer Hyper Wash (DX-61B): D11001, D11005  
**MANUFACTURER:** Meguiar's, Inc.  
**DIVISION:** Meguiar's

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

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

**EMERGENCY PHONE: CHEMTREC 1-800-424-9300 (24 hours)**

**Issue Date:** 06/13/12  
**Supercedes Date:** 07/13/11

**Document Group:** 26-7822-5

#### Product Use:

**Intended Use:** Automotive  
**Specific Use:** Car Wash

### SECTION 2: INGREDIENTS

| <u>Ingredient</u>  | <u>C.A.S. No.</u> | <u>% by Wt</u> |
|--|-------------------|----------------|
| WATER  | 7732-18-5         | 50 - 70        |
| SULFONIC ACIDS, C14-16-ALKANE HYDROXY AND C14-16ALKENE, SODIUM SALTS | 68439-57-6        | 10 - 30        |
| ANIONIC SURFACTANT   | Trade Secret      | 5 - 10         |
| ALKANOLAMIDE   | Trade Secret      | 5 - 10         |
| DIETHANOLAMINE   | 111-42-2          | 0.5 - 1.5      |

## SECTION 3: HAZARDS IDENTIFICATION

### 3.1 EMERGENCY OVERVIEW

**Odor, Color, Grade:** Sweet, clean odor; Bright orange, pourable gel

**General Physical Form:** Liquid

**Immediate health, physical, and environmental hazards:** May cause severe eye irritation. Contains a chemical or chemicals which can cause cancer. May cause target organ effects.

### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Skin Contact:**

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

Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.

May be absorbed through skin and cause target organ effects.

**Inhalation:**

No health effects are expected.

**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.

Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

Prolonged or repeated exposure may cause:

Hematopoietic Effects: Signs/symptoms may include generalized weakness, fatigue and alterations in numbers of circulating blood cells.

Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| <u>Ingredient</u> | <u>C.A.S. No.</u> | <u>Class Description</u>      | <u>Regulation</u>                           |
|-------------------|-------------------|-------------------------------|---|
| DIETHANOLAMINE    | 111-42-2          | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |

**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:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate 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:** If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, 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 | <i>Not Applicable</i> |
| Flash Point              | <i>Not Applicable</i> |
| Flammable Limits(LEL)    | <i>Not Applicable</i> |
| Flammable Limits(UEL)    | <i>Not Applicable</i> |

**5.2 EXTINGUISHING MEDIA**

Material will not burn.

**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:** No unusual fire or explosion hazards are anticipated.

**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. Collect as much of the spilled material as possible. 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

For industrial or professional use only. Avoid prolonged or repeated skin contact. Avoid eye contact. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

### 7.2 STORAGE

Store under normal warehouse conditions.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Indirect Vented Goggles.

#### 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 Nitrile Rubber

The following protective clothing material(s) are recommended: Apron - Neoprene

**8.2.3 Respiratory Protection**

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

**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**

| <u>Ingredient</u> | <u>Authority</u> | <u>Type</u>                       | <u>Limit</u> | <u>Additional Information</u> |
|-------------------|------------------|-----------------------------------|--------------|-------------------------------|
| DIETHANOLAMINE    | ACGIH            | TWA, inhalable fraction and vapor | 1 mg/m3      | Skin Notation*                |

\* Substance(s) refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

**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**

|                                       |  |
|---------------------------------------|--|
| <b>Odor, Color, Grade:</b>            | Sweet, clean odor; Bright orange, pourable gel |
| <b>General Physical Form:</b>         | Liquid   |
| <b>Autoignition temperature</b>       | <i>Not Applicable</i>                          |
| <b>Flash Point</b>                    | <i>Not Applicable</i>                          |
| <b>Flammable Limits(LEL)</b>          | <i>Not Applicable</i>                          |
| <b>Flammable Limits(UEL)</b>          | <i>Not Applicable</i>                          |
| <b>Boiling Point</b>                  | 212 °F   |
| <b>Density</b>                        | 1 g/cm3  |
| <b>Vapor Density</b>                  | <i>No Data Available</i>                       |
| <b>Vapor Pressure</b>                 | <i>No Data Available</i>                       |
| <b>Specific Gravity</b>               | 1.0 [Ref Std: WATER=1]                         |
| <b>pH</b>                             | 9 - 9.8  |
| <b>Melting point</b>                  | <i>Not Applicable</i>                          |
| <b>Solubility in Water</b>            | Complete                                       |
| <b>Evaporation rate</b>               | <i>No Data Available</i>                       |
| <b>Volatile Organic Compounds</b>     | 0.0 % weight                                   |
| <b>Kow - Oct/Water partition coef</b> | <i>No Data Available</i>                       |

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:**

**10.1 Conditions to avoid**

Temperatures above the boiling point

**10.2 Materials to avoid**

None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

### Hazardous Decomposition or By-Products

**Substance**

Carbon monoxide  
Carbon dioxide  
Irritant Vapors or Gases

**Condition**

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:** Discharge spent solutions and small quantities (less than 5 gal.(19 L)) to a wastewater treatment system. Reduce discharge rate if foaming occurs. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

**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):**

14-1000-0186-7, 14-1000-0187-5

## 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 - Yes

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

| <u>Ingredient</u> | <u>C.A.S. No</u> | <u>% by Wt</u> |
|-------------------|------------------|----------------|
| DIETHANOLAMINE    | 111-42-2         | 0.5 - 1.5      |

### STATE REGULATIONS

Contact manufacturer for more information

### 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:** 2    **Flammability:** 0    **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.

Revision Changes:  
Not available

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