

# Material Safety Data Sheet

Leather Magic Inc.  
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**Effective Date: 6/14/06**

## 1. PRODUCT IDENTIFICATION

**Trade Name:** Water Based Spray Grain  
**Product Code:** DT-16  
**Chemical Family:** Aqueous polyurethane emulsion  
**Intended Use:** Grain Simulator

## 2. HAZARDOUS COMPONENTS / INGREDIENT INFORMATION

| CAS#           | CHEMICAL IDENTITY           | EXPOSURE LIMITS |      | CARCINOGEN STATUS |     |      |    |    |
|----------------|-----------------------------|-----------------|------|-------------------|-----|------|----|----|
|                |                             | ACGIH           | OSHA | IARC              | NTP | OSHA |    |    |
|                |                             | TWA             | STEL | STEL              | PEL |      |    |    |
| 1336-21-6      | Aqua Ammonia <.10%          | NE              | NE   | NE                | NE  | NO   | NO | NO |
| Trade Secret   | Proprietary Acrylic Polymer | NE              | NE   | NE                | NE  | NO   | NO | NO |
| Not Applicable | Residual Monomers <.05%     | NE              | NE   | NE                | NE  | NO   | NO | NO |

NE = Not Established  
N=No

## 3. HAZARDS IDENTIFICATION

**Routes of entry:** Inhalation, eye contact, skin contact

**Eye:** Mildly irritating to the eyes

**Skin Contact:** May cause slight irritation with prolonged and repeated contact

**Inhalation:** Inhalation of product mists may cause irritation of nasal passages and other mucous membranes and lungs. May also cause headache and nausea.

## 4. FIRST AID MEASURES

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.

**Skin:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Obtain medical attention immediately if symptoms occur. Wash clothing before reuse.

**Ingestion:** If swallowed, give plenty of water to drink. Get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen. Get immediate medical attention.

**Emergency Overview:** Handle as a mild to moderate eye and skin irritant. Overexposure can cause respiratory sensitization or dermal sensitization.

## **5. FIRE FIGHTING MEASURES**

**Flash Point;** Does not ignite

**Fire Fighting Extinguishing Media:** Use water spray or fog, foam, dry chemical or CO<sub>2</sub>.

**Fire Fighting Instructions:** As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

## **6. ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Ventilate area. Absorb spill with inert material and place in a chemical waste container. Obey relevant local, state and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil. Use personal protective equipment as described in Section 8.

## **7. HANDLING AND STORAGE**

**Precautions:** Wash thoroughly after handling. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. A void breathing vapor or mist. For industrial use only.

**Special Handling:** Store in a cool, dry place. Keep container closed when not in use. Keep from freezing. Monomer vapors can evolve when the material is heated during processing operations.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal Protective Equipment:** A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR 1910.132) be conducted before using this product.

**Eye Protection:** Wear safety glasses with side shields.

**Skin Protection:** Use impermeable gloves to minimize skin contact.

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirators use.

Engineering Controls: Use adequate ventilation.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Milky Liquid  
**Color:** White to off-white  
**Odor:** Mild, characteristic odor  
**Solubility in Water:** Diluteable  
**Specific Gravity:** 1 - 1.2  
**Evaporation Rate:** Not available  
**Vapor Density:** 17 mm Hg @ 20C  
**pH:** 8 - 9 @ 100.0%  
**Volatile(s):** Not evaluated

**Viscosity:** >20 cps  
**Boiling Point:** 212° F  
(100° C)  
**Freezing Point:** 32°F (0° C)  
**Other Properties:**  
Solids 20 +/-1 %

## **10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

**Toxicology Information:** No toxicity data available for this product

## **12. ECOLOGICAL INFORMATION**

**Ecological Information:** Adopt sound work practices so that the product is not released into the environment.

## **13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.

## **14. TRANSPORT INFORMATION**

**Department of Transportation:** Not regulated

## **15. REGULATORY INFORMATION**

**OSHA Status:** This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

**TSCA Inventory Status:** This product or its components are listed in or exempt from the TSCA inventory requirements.

**California Proposition 65:** This product contains the following substances known to the State of California to cause cancer: None

This product contains the following substances known to the State of California to cause adverse reproductive effects: None

**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This material safety data sheet was prepared to comply with the OSHA Hazard Communication standard (29 CFR 1910.1200). This supersedes any previous information.