

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Ultra-Sol™ 300K; Ultra-Sol 300K N/D

**Application:** Polishing Compound

**Manufacturer Information: Corporate Offices:**  
 Eminess Technologies, Inc.  
 1620 W. Fountainhead Parkway Suite 510  
 Tempe, AZ 85282

**Manufacturing Offices:**  
 Eminess Technologies, Inc.  
 1419 Rocky River Road North  
 Monroe, NC 28110

**Phone:** 1-480-505-3409  
 1-866-364-6377  
 1-888-899-1942

1-704-283-2600  
 1-800-376-5474

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Mixture of:** Water and abrasive

Component	CAS-No.	Hazard classification	Notes
Silica	7631-86-9	(AS DRY DUST) TLV(US)=10 mg/m <sup>3</sup> total dust for particles not otherwise classified. PEL(US)=not applicable TRGS 900 (Germany)=4 mg/m <sup>3</sup> inhalable dust. OES (UK)=6 mg/m <sup>3</sup> total inhalable, 2.4 mg/m <sup>3</sup> respirable dust. TLV(Australia)=10 mg/m <sup>3</sup> total dust containing no asbestos and <1% crystalline silica.	
Deionized Water	7732-18-5	n/a	

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** Not listed as a carcinogen by IARC, NTP, or OSHA. May cause slight irritation to skin and eyes.

**Potential Health Effects**

**Eyes:** Slightly irritating, high concentrations can cause conjunctivitis, not corrosive.

**Skin:** Non-irritating to rabbit skin and non-sensitizing to guinea pig skin. Very low toxicity by absorption.

**Ingestion:** Very low toxicity

**Inhalation:** Spray mist or dry dust may cause congestion, coughing, granuloma in lungs.

**4. FIRST-AID MEASURES**

**Eye Contact:** In case of contact with eyes, rinse immediately with plenty of water for 15 minutes. If irritation persists, consult a physician.

**Skin Contact:** Wash affected area with a waterless hand cleaner and/or soap and water. If irritation persists, consult a physician.

**Ingestion:** If material is swallowed, get immediate medical attention or advice. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**Inhalation:** If inhaled, immediately remove the affected person to fresh air. Seek medical attention.

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**5. FIRE FIGHTING MEASURES****Flash Point:** n/a**Method Used:** n/a**Upper Flammable Limit (UFL):** n/a**Lower Flammable Limit (LFL):** n/a**Auto Ignition:** n/a**Flammability Classification:** Non Flammable**Rate of Burning:** n/a**General Fire Hazards:** Product is non-combustible**Hazardous Combustion Products:** Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO),**Extinguishing Media:** Dry chemical, foam, carbon dioxide (CO<sub>2</sub>), water fog**Fire Fighting Equipment / Instructions:** Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

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**6. ACCIDENTAL RELEASE MEASURES****Containment Procedures:** Stop the flow of material, if this is without risk**Clean-Up Procedures:** Wear appropriate protective equipment and clothing during clean-up. Absorb spill with inert material. Shovel material into appropriate container for disposal.**Evacuation Procedures:** Isolate area. Keep unnecessary personnel away.**Special Procedures:** No information available for the product.

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**7. HANDLING AND STORAGE****Handling Procedures:** Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.**Technical Measures:** Work practice should minimize contact.**Technical Precautions:** Local exhaust is recommended.**Storage Procedures:** Store in tightly closed original container in a cool, well-ventilated place away from incompatible materials. Keep from freezing.

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**8. EXPOSURE CONTROL / PERSONAL PROTECTION****Engineering Controls:** Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.**Personal Protective Equipment (PPE)****Eyes/Face:** Wear safety glasses, chemical goggles, or, a full face shield.**Skin:** Use impervious gloves. Use of impervious apron and boots are recommended.**Respiratory:** If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH / MSHA respiratory protection must be provided.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Blue

**Boiling Point:** 212°F (100°C)

**Odor:** None

**Flash Point:** n/a

**pH:** 10 - 11

**Solubility (H<sub>2</sub>O):** Dispersible

**Physical State:** Liquid

**Viscosity:** Low

**Melting Point:** 32°F (0°C)

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**10. STABILITY AND REACTIVITY**

**Chemical Stability:** This is a stable material.

**Conditions to Avoid:** None specific

**Incompatibility:** None specific

**Hazardous Decomposition Products:** None specific

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**11. TOXICOLOGICAL INFORMATION**

**Inhalation:** Not relevant at normal room temperatures.

**Skin Contact:** Prolonged contact may cause redness and irritation.

**Eye Contact:** May cause temporary eye irritation.

**Ingestion:** No harmful effects expected in amounts likely to be ingested by accident.

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**12. ECOLOGICAL INFORMATION**

**Mobility:** This product is water soluble and may spread in water systems.

**Degradability:** The degradability of the product has not been stated.

**Ecotoxicity:** The product is not expected to be hazardous to the environment.

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**13. DISPOSAL CONSIDERATIONS**

**US EPA Waste Number and Descriptions**

**General Product Information:** Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

**Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions**

**Waste Material:** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**Contaminated Packaging:** Dispose of contaminated packaging as residue.

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**14. TRANSPORT INFORMATION**

The product is not regulated as hazardous by the Dept. of Transportation or IATA.

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**15. REGULATORY INFORMATION**

**Precautionary Label:** Do not freeze

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**16. OTHER INFORMATION**

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**This is the end of the MSDS for Ultra-Sol™ 300K; Ultra-Sol 300K N/D.**

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