

# Material Safety Data Sheet

International Stone Polish ®

Date of Preparation: May, 2004

Revision: October, 2005

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** International Stone Polish ®

**Chemical Formula:** Mixture

**CAS Number:** Mixture – See Below

**Other Designations:** None

**General Use:** Countertop polish for marble, granite and solid surfaces.

**Manufacturer:** Stone Care International Inc. P.O. Box #703, Owings Mills, Maryland 21117-0703

**Phone:** 410-783-0045

**24-Hour Phone Number for Medical & Spill Emergencies:** 1-800-535-5053

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt.
Water	7732-18-5	80 - 85 %
Vegetable Wax (Carnauba Wax)	8015-86-9	<11 %
Silicone Lubricant – Polydimethylsiloxane	63148-62-9	<10 %
Ammonium Hydroxide	1336-21-6	< 1 %

None of the listed ingredients are recognized by IARC, NTP as human carcinogens.

Ingredient	CAS #	OSHA		ACGIH		NIOSH		IDLH
		PEL	STEL	TLV	STEL	REL	STEL	
Vegetable Wax	8015-86-9	NE	NE	NE	NE	NE	NE	NE
Silicone Lubricant - Polydimethylsiloxane	63148-62-9	NE	NE	NE	NE	NE	NE	NE
Ammonium Hydroxide (OEL's for NH <sub>3</sub> )	1336-21-6	50 ppm	NE	25 ppm	35 ppm	25 ppm	35 ppm	300 ppm

## Section 3 - Hazards Identification

### Potential Health Effects:

This is a primarily water-based product with wax emulsions and silicone. Health effects are not expected when used in accordance with labeled use.

**Primary Entry Routes:** Inhalation of misted product, Eye Exposure, Ingestion, Skin Contact

**Target Organs:** Respiratory System, G.I. Tract (if swallowed), Skin (extended exposure), eye (direct contacts)

HMIS	
H	1
F	0
R	0
PPE†	B
†Sec. 8	

### Acute Effects

**Inhalation:** Excessive exposure to the mist of this product may cause minor irritation to the respiratory tract, including nasal discomfort. This product will not generate significant vapors unless heated.

**Eye:** Direct contact may cause irritation, redness and pain.

**Skin:** Irritation and redness may occur with extended, prolonged, direct contact.

**Ingestion:** Ingestion of large quantities may cause abdominal discomfort vomiting, nausea and diarrhea. Irritation of mucus membranes may occur with ingestion.

### Chronic Effects

**Carcinogenicity:** IARC, NTP, and OSHA do not list any of the components of this product as human carcinogens. No significant human impacts statements have been located for the primary ingredients.

**Medical Conditions Aggravated by Long-Term Exposure:** Under normal conditions of use, this product should not significantly aggravate medical conditions. Individuals with skin conditions (dermatitis) may be affected by extended direct skin exposure.

### Section 4 - First Aid Measures

**Inhalation:** Remove affected individual from contaminated area to fresh-air. If respiratory symptoms such as difficulty in breathing continue after removal from the area or if aspiration of product is suspected seek medical attention.

**Eye Contact:** Immediately flush eyes with large quantities of water for at least 15 minutes. Holding the eyelids apart, thoroughly irrigate the entire surface of the eyes and lids. Do not apply any medicating agents except on the advice of a physician. Obtain medical attention if irritation exists.

**Skin Contact:** Flush exposed areas with water.

**Ingestion:** Do not induce vomiting or administer emetics. Give 2-3 glasses of water. Contact a poison control center for additional direction. Do not give anything by mouth to an unconscious person.

### Section 5 - Fire-Fighting Measures

**Flash Point:** Non-flammable

**Flash Point Method:** NA

**Burning Rate:** NA

**Auto-ignition Temperature:** NA

**LEL :** NA

**UEL :** NA

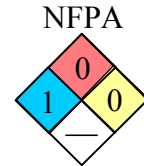
**Flammability Classification:** NA

**Extinguishing Media:** NA

**Unusual Fire or Explosion Hazards:** This product is not considered combustible.

**Fire-Fighting Instructions:** Keep containers cool. Break down of product in intense heat can produce dangerous decomposition products, including formaldehyde at temperatures above 150°C (302°F). This product will not burn under normal conditions.

**Fire-Fighting Equipment:** Wear full protective clothing and positive-pressure, self-contained breathing apparatus if this product is involved in a fire.



### Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Small spills can be cleaned up with absorbent towels and placed in the trash as permitted by regulatory authorities. Large spills can be absorbed by inert materials and placed into a container for proper disposal. Prevent direct entry into waterways, including storm or sanitary sewer.

### Section 7 - Handling and Storage

**Handling Precautions:** Do not eat, drink or smoke while using this product. Avoid direct contact with food products and remove exposed food items prior to use, to prevent over-spray. Avoid contact with eyes, skin and clothing. Wash hands after use with soap and water. Keep all chemicals out of the reach of children and animals. Do not use this product on floors as it will create a slippery condition.

**Storage Requirements:** Store in a cool, dry area in an upright position. Secure all household chemicals from child and pet access. Avoid exposing to temperatures below 50F or excessive heat. Keep lid secured.

### Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** Not typically required.

**Gloves:** For maximum protection, use a Nitrile or Neoprene glove. Protect open cuts from contact.

**Protective Clothing:** Not normally required. A Nitrile or Neoprene covering can be used to protect clothing, if desired. Remove contaminated clothing to prevent any possibility of irritation. Treated areas may be slippery. Not intended to be used on walking surfaces.

**Respiratory Protection:** Not typically required. Maintain adequate ventilation with any chemical use. Use NIOSH approved vapor-mist respirator if used in areas when misting or high concentrations are expected. Major components of this product do not have established exposure limits under OSHA, NIOSH or ACGIH.

**Eye Protection:** Safety glasses may be used to prevent eye exposure.

## Section 9 - Physical and Chemical Properties

<p><b>Physical State:</b> Liquid</p> <p><b>Appearance and Odor:</b> Cloudy liquid with an amine odor.</p> <p><b>Odor Threshold:</b> ND</p> <p><b>Vapor Pressure:</b> ND</p> <p><b>Vapor Density (Air=1):</b> ND</p> <p><b>Formula Weight:</b> ND</p> <p><b>Density:</b> ND</p> <p><b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> ND</p> <p><b>pH:</b> 7.0</p>	<p><b>Water Solubility:</b> Soluble in Water</p> <p><b>Other Solubilities:</b> NA</p> <p><b>Boiling Point:</b> NE ; &gt; 212 °F</p> <p><b>Freezing/Melting Point:</b> Approximately 32 °F / NA</p> <p><b>Viscosity:</b> ND</p> <p><b>Refractive Index:</b> ND</p> <p><b>Surface Tension:</b> ND</p> <p><b>% Volatile:</b> NE</p> <p><b>Evaporation Rate:</b> NE</p>
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## Section 10 - Stability and Reactivity

**Stability:** This product is stable at room temperature in closed containers under normal storage and handling conditions.

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

**Chemical Incompatibilities:** This product is not likely to be reactive, but component ingredients may react to aluminum, strong acids, bases or oxidizers. Avoid materials reactive with hydroxyl compounds.

**Conditions to Avoid:** Avoid mixing with other products.

**Hazardous Decomposition Products:** Under high heat, NO<sub>x</sub>s, Sodium Oxides, Carbon Oxides, NH<sub>3</sub> formaldehyde may be produced.

## Section 11 - Toxicological Information

### Toxicity Data:

Prolonged and repeated exposure to excessive concentrations of this product may cause irritation. Concentrated exposure to the mist may cause irritation of the respiratory system.

There is limited toxicological information showing significant health relevance to human disease or illness, beyond acute health which involve irritation effects.

## Section 12 - Ecological Information

**Ecotoxicity:** The majority of this product is water. Some of the component ingredients in this product are soluble in water and others are not and may not readily bio-degrade. The main ingredients in this product are expected to exhibit low toxicity to aquatic organisms. This product has not been tested as a mixture.

## Section 13 - Disposal Considerations

**Disposal:** Waste is not hazardous as defined by RCRA (40 CFR 261). Method of disposal is to landfill.

**Disposal Regulatory Requirements:** Follow applicable Federal, state, and local regulations. Do not dump this product into any sewers, ground or body of water.

## Section 14 - Transport Information

### DOT Transportation Data (49 CFR 172.101):

<p><b>Shipping Name:</b> NA</p> <p><b>Shipping Symbols:</b> NA</p> <p><b>Hazard Class:</b> NA</p> <p><b>ID No.:</b> NA</p> <p><b>Packing Group:</b> NA</p> <p><b>Label:</b> NA</p> <p><b>Special Provisions (172.102):</b> None</p>	<p><b>Packaging Authorizations</b></p> <p><b>a) Exceptions:</b></p> <p><b>b) Non-bulk Packaging:</b></p> <p><b>c) Bulk Packaging:</b></p>	<p><b>Quantity Limitations</b></p> <p><b>a) Passenger, Aircraft, or Railcar:</b></p> <p><b>b) Cargo Aircraft Only:</b></p> <p><b>Vessel Stowage Requirements</b></p> <p><b>a) Vessel Stowage:</b></p> <p><b>b) Other:</b></p>
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**Section 15 - Regulatory Information****EPA Regulations:**

RCRA Hazardous Waste Number: NA  
RCRA Hazardous Waste Classification (40 CFR 261): Not classified  
CERCLA Hazardous Substance (40 CFR 302.4) Material is recordable under CERCLA for ammonium hydroxide (RQ 1000#)  
SARA 311/312 Codes: Yes (Acute / Immediate) Irritant for ammonium hydroxide  
313 Reportable ingredients: Not Listed (<10% aqueous)  
CA Proposition 65 List: NA

**State Regulations:**

PA Right-to-Know: Yes (ammonium hydroxide)  
NJ Right-to-Know: Yes (ammonium hydroxide)

**OSHA Regulations:**

Hazard Communication Standard (29 CFR 1910.1200): This material is regulated for ammonia exposures from ammonium hydroxide

**Section 16 - Other Information**

**Prepared By:** Steve High, Consultant

**Revision Notes:** NA

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NE = Not Established; NA = Not Applicable; ND = Not Determined