



# Noble Earth Technologies

## Stainless Steel Polishing Cream

### MATERIAL SAFETY DATA SHEET

#### COMPANY DETAILS

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Not classified as hazardous according to the criteria of Worksafe Australia.

#### I IDENTIFICATION

Product Name: Stainless Steel Polishing Cream  
Other Names: None.  
Product Code: None.  
UN No: None allocated  
Hazchem Code: None allocated  
Dangerous Goods Class: None allocated  
Sub Risk Class: None allocated  
Packaging Group: None allocated  
Poison Schedule: Not scheduled.  
Chemical Family: Water solution of ingredients (see below).  
Uses: The rejuvenation of stainless steel.

#### Physical Appearance & Properties

Appearance & Odour: White creamy liquid. No odour.  
Melting/softening point: Approximately 0°C.  
Boiling point and vapour pressure: Approximately 100°C at 100kPa.  
Volatile materials: Water component.  
Flashpoint: Does not burn.  
Specific gravity: No data.  
Solubility in water: Completely soluble.  
Corrosiveness: Not corrosive.

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Ingredients: Chemical entity	CAS No	Proportion %	Worksafe Exposure Limits	
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>
Calcium carbonate	1317-65-3	30-60	10	not set
Other non hazardous ingredients	secret	10-20	not set	not set
Water	7732-18-5	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

#### II HEALTH HAZARD DATA

##### Health Effects:

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

##### Acute Effects:

Swallowed: Data suggests that this product should present no significant problems to typical persons in normal use.

**Eye:** This product may be mildly irritating to eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.

**Skin:** Data suggests that this product should present no significant problems to typical persons in normal use.

**Inhalation:** Data suggests that this product should present no significant problems to typical persons in normal use.

#### **First Aid:**

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 from anywhere in Australia.

**Eyes:** If product gets in eyes, wash material from them with running water. If they begin watering or reddening, take special care in washing thoroughly.

**Skin:** If product gets on skin, wash skin to remove material. No further measures should normally be required.

**Inhalation:** No first aid measures normally required. However, if vapours or mists have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

**Advice to Doctor:** Treat symptomatically. Note the nature of this product.

### **III PRECAUTIONS FOR USE**

#### **Exposure Standards:**

A time weighted average (TWA) has been established for Calcium carbonate, present in significant quantities in this product. This value is 10mg/m<sup>3</sup>. The corresponding STEL level is "not set". The

STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than

15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. See ingredients section on page 1 of this data sheet.

#### **Engineering Controls:**

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high; you are advised to modify the process or environment to reduce the problem.

#### **Personal Protection:**

The following instructions are meant for people coming into frequent and lengthy contact with this product. For occasional use, take precautions suitable for the conditions under which the product is being used.

**Respiratory Protection:** It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

**Protective Gloves:** Protective gloves are not normally necessary when using this product. However, it is always prudent to wear gloves. For help in selecting suitable equipment, consult AS 2161.

**Eye Protection:** Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.

**Clothing:** This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Consult AS2919 for advice on Industrial Clothing.

**Safety Boots:** Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

### **IV SAFE HANDLING INFORMATION**

#### **Storage & Transport**

No special storage and transport requirements. This product has no UN classification. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

#### **Spills & Disposals**

Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves.

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. Can be slippery on floors, especially when wet. Recycle containers wherever possible. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in accord with all regulations.

#### **Fire & Explosion Hazard**

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

**Flashpoint:** Does not burn.

**Flammability limits:** Not applicable. This product does not burn.

**Extinguishing Media:** This product does not burn. Use extinguishing media suited to the materials that are burning.

**Special Fire Fighting procedures:** When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered.

**Unusual Fire & Explosion Hazards:** Fire decomposition products from this product may form toxic and corrosive mixtures in confined spaces. Likely to decompose only after heating to dryness followed by further strong heating.

**Stability:** This product is unlikely to spontaneously decompose.

**Polymerisation:** This product is unlikely to spontaneously polymerise.

**Decomposition Products:** Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Oxides of sulfur (sulfur dioxide is a respiratory hazard). Water.

**Materials to avoid:** No particular incompatibilities.

### **V OTHER INFORMATION**

This MSDS is prepared in accord with the Worksafe Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets", 1994.

**National Poisons Information Centre: Dial 13 1126 (from anywhere in Australia)**

