



## MATERIALS SAFETY DATA SHEET

### 1. Product Identification

Product name: Extreme Residue Remover

Product type: Powder

Product description: A safe, non-acidic, easy to use cleaning powder designed to be used on tile and stone to aid the cleaning process.

Prepared by: Tilers Tools, Unit 4a Stretton Distribution Centre, Off Grappenhall Lane, Appleton WA4 4QT, Tel: 01565 344860, Email: sales@tilerstools.co.uk

Compilation Date: 17 June 2021, Revision 1

### 2. Hazards Identification

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)

Hazard category, Hazard statement

Skin Irrit. 3, Eye Irrit. 2B, STOTE SE 3 H316; H320; H335

Directive 67/548/EEC or Directive 1999/45/EC

Hazard characteristics R-Phrases

Xi R36/37/38

For full text of R-phrases, see section 16.

Label elements

Hazard pictograms:



Signal word: WARNING

Hazard statements: H316: Causes mild skin irritation.

H320: Causes eye irritation.

H335: May cause respiratory irritation.

Precautionary statements: P332 + P313: If skin irritation occurs: Get medical advice/attention.

P261: Avoid breathing dust.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.



### 3. Composition / Information on the Ingredients

#### 3.1 Mixtures and hazardous ingredients

Name: CAS# EC# %W/W REACH # GHS Classification Skin Irrit. 3, H316; Aluminum Oxide 1344-28-1 215-691-6 > 99 N.A.

Eye Irrit.. 2B, H320;

STOT SE 3, H335

Impurities (Oxides) N.A. N.A. < 1 N.A. None

### 4. First Aid Measures

#### 4.1 Description of first aid measures

General information: None.

After inhalation: Remove to fresh air. If symptoms persist, seek medical attention.

After skin contact: Remove contaminated clothing from area and wash affected skin thoroughly with water. If irritation persists or rash develops, seek medical attention.

After eye contact: Immediately flush eyes with water. Seek medical attention if irritation persists. After swallowing: Do not induce vomiting. If large quantities are swallowed, call physician immediately. Most important symptoms and effects, both acute and delayed Acute: Irritation and redness of eyes. Coughing and shortness of breath.

Delayed: Skin, eye, or respiratory tract irritation.

Indication of any immediate medical attention and special treatment: Treat symptomatically.

### 5. Anti-Fire Measures

#### 5.1 Extinguishing means

Suitable extinguishing media: Extinguisher suitable for ordinary combustible materials. Class A extinguishing agents.

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture: None known.

Advice for firefighters: A self-contained breathing apparatus and

# MATERIALS SAFETY DATA SHEET

## Extreme Residue Remover



suitable protective clothing should be worn in fire conditions.  
Extinguish preferably with dry chemical, foam, or water spray

### 6. Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear suitable protective clothing.  
Avoid dust generation.

For emergency responders: Wear suitable protective clothing. Avoid dust generation.

Environmental precautions: Ventilation recommended.

Methods and material for containment and cleaning up: Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

Reference to other sections: See also sections 7, 8, and 13.

Additional information: None

### 7. Handling and Storage

#### 7.1 Precautions for safe handling

Protective measures: Avoid accumulation of dust. Use only in well-ventilated areas.

Hygiene measures: Do not eat drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective gear before entering eating areas.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed. Segregate from incompatible materials.

#### 7.3 Specific end use(s)

Not available.

### 8. Exposure Control and Protection

#### 8.1 Occupational exposure limits

Substance CAS # Exposure Limit Note: Aluminum Oxide 1344-28-1 15 mg/m<sup>3</sup> LTEL OSHA 10 mg/m<sup>3</sup> TLV ACGIH.

Biological limit values: Not Available.

DNEL/PNEC-values: Not Available.

#### 8.2 Exposure controls

Appropriate engineering controls: Adequate dust ventilation required.

Personal protective equipment.

Hand protection: Gloves if desired.

Eye protection: Goggles if desired.

Body protection: Clean clothing to cover skin.

Respiratory protection: Approved NIOSH dust mask if recommended exposure levels are exceeded. Environmental exposure controls:

None.

### 9. Chemical and Physical Properties

#### 9.1 Information on basic physical and chemical properties

Appearance: Granular powder.

Color: White.

Odor: Odorless.

Odor threshold: None.

pH: Not Applicable.

#### 9.2 Other information

Melting point/range: 2072 °C

Boiling point/range: 2977 °C

Flash point: Incombustible

Evaporation rate: Not Applicable

Flammability (solid, gas): Not Available

Upper/lower flammability/explosive limits: Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: 2700 °C (4892 °F)

Vapor pressure: Not Applicable

Vapor density: Not Applicable

Relative density: 3.9 g/cm<sup>3</sup>

Solubility: Insoluble

Viscosity, dynamic (20 °C): Not Available

Viscosity, kinematic: Not Available

Explosive properties: Not Available

Oxidizing properties: Not Available

Partition coefficient: n-Octanol/Water: Not Applicable

Physical hazards: Not Available

Other information: No additional information

### 10. Stability and Reactivity

#### 10.1 Reactivity

reactivity: slight.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

None under normal use conditions.

#### 10.4 Conditions to avoid

Dust generation without adequate ventilation.

#### 10.5 Incompatible materials

Strong acids, chlorine trifluoride, and ethylene oxide.

#### 10.6 Hazardous decomposition products

None.

### 11. Toxicological Information

#### 11.1 Information on toxicological effects

Acute toxicity: None.

Skin corrosion/irritation: May cause mechanical skin irritation. Not corrosive.

# MATERIALS SAFETY DATA SHEET

## Extreme Residue Remover



Serious eye damage/irritation: May cause mechanical eye irritation.  
Respiratory or skin sensitization: No data.  
Germ cell mutagenicity: No data.  
Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.  
Reproductive toxicity: No data.  
Specific target organ toxicity (single exposure): No data.  
Specific target organ toxicity (repeated exposure): No data.  
Aspiration hazard: No data.  
Other information: None.

## 12. Ecological Information

### 12.1 Toxicity

Acute toxicity: None known.

### 12.2 Persistence and degradability

No data.

### 12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.

### 12.4 Mobility in soil

No data.

### 12.5 Results of PBT & PvB assessment

No data

### 12.6 Other adverse effects

No known significant effects or critical hazards.

## 13. Disposal Considerations

### 13.1 Waste treatment methods

Recommendations: If product becomes contaminated, follow disposal instructions for contaminant. Dispose of in accordance to federal, state, and local regulations. Do not allow product to reach sewage system. Recycle packaging if possible.

Additional information: None.

## 14. Transport

### 14.1 UN number

UN Number: Not regulated.

UN proper shipping name: None.

Transport hazard class(es): None.

Hazard label(s): None.

Packing group: None.

Environmental hazards: None.

Special precautions for user: None.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

## 15. Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture. US Federal regulations.

TSCA Chemical Inventory Status: All components of this product are listed.

CERCLA Reportable Quantity: None.

SARA Title III:

- Section 302 Extremely Hazardous Substances: None.

- Section 304 Emergency Release Reporting: None.

- Section 311/312 Hazardous Categories: Immediate (acute).

- Section 313 Toxic Categories: None. · Clean Air Act of 1990 – Title VI:

This material does not contain, nor was it manufactured using ozone depleting chemicals.

US State regulations:

- California Proposition 65: Not listed.

- Cal-OSHA Workplace Airborne Contaminant: Listed.

- Idaho Air Contaminant: Listed.

- Illinois Toxic Substances Disclosure to Employees List: Listed.

- Massachusetts Right to Know List: Listed.

- Massachusetts Hazardous Substance Code: F9.

- Minnesota Hazardous Substance List: Listed. Code: A Carcinogen: No

- New Jersey Right to Know List: Listed – substance No. 2891.

- Pennsylvania Right to Know List: Listed.

- Pennsylvania Hazardous Substance List (Chapter 323 Appendix A):

Listed Code: E.

- Rhode Island Hazardous Substance List: Listed.

- Texas Air Contaminant with Health Effects Screening Level: Listed (as a synonym).

- Washington Air Contaminant: Listed – limit TWA 10 mg/m<sup>3</sup>.

Canadian Regulations:

- WHMIS Classification: Not a controlled product.

- DSL (Domestic Substance List): All components of this product are listed on the DSL.

- NPRI (National Pollutant Release Inventory): Not subject to mandatory reporting requirements.

- IDL (Ingredient Disclosure List): All components of this product are listed on the IDL.

- Canadian Hazard Symbol: N/A.

EU Regulations (EINECS 215-691-6)

Indication of Danger: Not dangerous.

Risk Phrases: R36/37/38: Irritating to eyes, respiratory system, and skin.

Safety Phrases: S24/25/: Avoid contact with skin and eyes.

S22: Do not breathe dust.

This product is considered non-dangerous in accordance with 1999/45/EC.

### 15.2 Chemical safety assessment

No



### 16. Other Information

Relevant R-phrases (number and full text): R36/37/38: Irritating to eyes, respiratory system, and skin.

NFPA hazard rating: 0

Health hazard: 1 – Exposure could cause irritation but only minor residual injury even if no treatment is given.

Fire hazard: 0 – Will not burn under typical fire conditions.

Reactivity: 0 – Normally stable, even under fire conditions, and is not reactive with water.

Disclaimer: To the best of our knowledge, the information contained in this SDS is accurate or believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein.