

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared 02-22-12

## SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **5X Stone Polishing Powder**

Product Use/Class: Polishing Powder

ID #: MAJR03009-25-45

Manufacturer/Shipper Name: M3 Technologies, Inc.

Address: 57 Lamberts Lane, Cohasset, MA 02025

Telephone: 800-342-4533

Emergency Telephone: (CHEMTREC): 800-424-9300

## SECTION II - HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	Weight %
Potassium Oxalate	583-52-8	N/T	1MG/CU,M	92.5
Aluminum Oxide	1344-28-1	400MG/M3	2.0MG/M3	4.5

## SECTION III - PHYSICAL/ CHEMICAL CHARACTERISTICS

Boiling Range: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in H<sub>2</sub>O: Approx. 11.7% @ 20°C

Appearance & Odor: Tan Granular Powder-Pungent Odor

Specific Gravity: 1.730

Melting Point: 101.5 C

Evaporation Rate: N/A

## SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: Non

LEL: Not Tested

pH: (5% Solution) 4.5-6.0

Flammable Limits: N/T

UEL: None

DOT E: UN2811

Proper Shipping Name: Toxic Solid Organic N.O.S., 6.1, PGIII, (Contains Potassium Oxalate)

Extinguishing Media: Water Spray, Dry Chemical, Alcohol Type Foam.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

## SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Strong Oxidizers

Incompatible Materials to Avoid: Temperatures above 100°C

Hazardous Decomposition or By-products: May liberate Carbon Monoxide/ Diozide

Hazardous Polymerization: None

## SECTION VI - HEALTH AND HAZARD DATA

Routes of Entry

Inhalation: Possible

Skin: Possible

OSHA Carcinogenicity: None

IARC Monographs: None

Ingestion: Possible

Health Hazards: Same as signs and symptoms of exposure

NTP: None

HMIS RATINGS

(0=least, 4=extreme)

H- 2

F- 1

R- 0

S- 0

Signs & Symptoms of Overexposure:

Eyes: Burning, irritation

Ingestion: Burning, irritation

Skin: Burning, Irritation

Inhalation: Irritation

Medical Conditions Generally Aggravated by Exposure: Same as signs and symptoms of overexposure

Emergency First Aid Procedures:

Eyes: Flush with water for 15 minutes. If irritation persists, call physician.

Skin: Wash with soap and water, especially between nails. If irritation persists, call physician.

Ingestion: Drink large amounts of milk. Do not induce vomiting. If irritation persists, call physician.

Inhalation: Get person to fresh air. If unconscious, call physician.

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#### **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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Steps to be Taken in Case Material is Released or Spilled: Sweep up and place in a proper waste disposal container.

Waste Disposal Method: Dispose in accordance with appropriate Federal, State and Local regulations.

Precautions to be Taken in Handling and Storing: Store in cool, dry place.

Other Precautions: Keep out of reach of children. Follow directions on the container for proper use of this product.

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#### **SECTION VIII – CONTROL MEASURES**

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Respiratory Protection: Open all doors and windows. Exposures above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134.

Ventilation:

Local Exhaust: If available

Special: None

Mechanical: If available

Other: None

Protective Gloves: Rubber, plastics

Eye Protection: Glasses, goggles

Other Protective Clothing or Equipment: Chemical resistant clothing.

Work Hygienic Practices: Use common sense and care around chemicals. Never depend on your specific business. Directions for use are normally found on label which will dictate engineering and control measures.

Other Special Requirements: None

The information contained on this MSDS is been checked and should be accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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#### **SECTION IX – HANDLING AND STORAGE**

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Storage: Keep covered and dry until ready for use. Keep away from children and animals. Keep away from food and drinks including animal foods.

Handling: Keep covered and dry until ready for use.

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#### **SECTION X – EXPOSURE CONTROL - PERSONAL PROTECTION**

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Eye and Face: Wear chemical splash goggles.

Skin: Hand protection recommended.

Respiratory: Use NIOSH approved dust protection mask during use.

Ventilation: Normal ventilation acceptable under normal conditions.

Other: Waterproof apron suggested. Slip resistance boots recommended during use.

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#### **SECTION XI – TOXICOLOGY INFORMATION**

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No toxicology information has been generated for this material.

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**SECTION XII – ECOLOGICAL INFORMATION**

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This product has never been found to present any environmental or ecological problems. Use according to the instructions. Dispose of in a sanitary manner.

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

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Disposal: Dispose of in accordance with federal, state and local regulations.

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**SECTION XIV – DISPOSAL CONSIDERATIONS**

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DOT Information-49CFR 172.101:

DOT Description: None required

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**SECTION XV – REGULATORY INFORMATION**

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U.S. Federal Regulations:

TSCA - Intentional Ingredients are listed; CERCLA RQ-40CFR 302.4 (a) – none listed;

SARA 302 Components 40 CFR 355 Appendix A - NONE; Section 311/312

Hazard Class - 40CFR 370.2 - Immediate ( ) Delayed ( ) Fire ( ) Reactive ( )

Sudden release of pressure ( ); SARA 313 Components 40CFR 372.65 - None;

OSHA Process Safety Management 29CFR1910 - None listed; EPA Accidental Release Prevention 40CFR68 - None listed.

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**SECTION XVI – LEGEND AND OTHER INFORMATION**

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Legend: ND, Not determined; N/A, Not Applicable; NA, Not Available