



# MATERIAL SAFETY DATA SHEET

Aqua Mix KnockDown

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Aqua Mix KnockDown  
**Product Use:** Honing Powder.  
**Manufacturer/Supplier:** Custom Building Products  
13001 Seal Beach Blvd  
Seal Beach, CA  
90740  
**Phone Number:** (562) 598-8808  
**Emergency Phone:** INFOTRAC 1-800-535-5053 (US and Canada)  
INTERNATIONAL + 1-352-323-3500  
**Date of Preparation:** October 14, 2011 **Revision Date:** October 14, 2011

## Section 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

CAUTION

MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

**Potential Health Effects:** See Section 11 for more information.

**Likely Routes of Exposure:** Skin contact, eye contact, inhalation, and ingestion.

- Eye:** Dust may cause eye irritation.  
**Skin:** Dust may cause skin irritation.  
**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.  
**Inhalation:** Dust may cause respiratory tract irritation. May cause lung damage through repeated or prolonged exposure.

**Chronic Effects:** Higher exposures may lead to chronic lung disorders with symptoms of lung insufficiency.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, defatting and cracking of the skin. Cough, discomfort, difficulty breathing, or shortness of breath.

**Medical Conditions Aggravated By Exposure:** Because of its irritating properties, dust may aggravate preexisting respiratory conditions.

**Target Organs:** Skin, eyes, gastrointestinal tract, respiratory system.

**Potential Environmental Effects:** May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Aluminum oxide	1344-28-1	60 - 100



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## Section 4: FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Ingestion:** DO NOT induce vomiting. If victim is conscious and alert, give 2 cupfuls of water. Never give anything by mouth to an unconscious person. Seek medical attention or call poison control.
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

**Note to Physicians:** Activated charcoal mixture may be beneficial. Suspend 50g activated charcoal in 400mL water and mix well. Administer 5mL/kg, or 350mL for an average adult.

## Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable by WHMIS/OSHA criteria.

**Means of Extinction:**

**Suitable Extinguishing Media:** Treat for surrounding material.

**Unsuitable Extinguishing Media:** Not available.

**Products of Combustion:** Oxides of carbon.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

**Protection of Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Dike spill.

**Methods for Clean-Up:** Scoop up material and place in a disposal container. Provide ventilation.

**Other Information:** Not available.

## Section 7: HANDLING AND STORAGE

**Handling:**

Avoid contact with skin and eyes. Do not swallow. Do not breathe dust. Use only in well-ventilated areas. Launder contaminated clothing before reuse. When using do not eat or drink. Wash hands before eating, drinking, or smoking.



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## Storage:

Keep out of the reach of children. Keep container tightly closed. Store in a cool place. Avoid freezing or extended storage in high temperatures.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Ingredient	Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Aluminum oxide	15 mg/m <sup>3</sup> (total) TWA; 5 mg/m <sup>3</sup> (resp)	10 mg/m <sup>3</sup>

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Personal Protective Equipment:

**Eye/Face Protection:** Wear eye/face protection.

**Hand Protection:** Wear suitable gloves.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Wear appropriate NIOSH approved dust mask or filtering facepiece.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Powder.
<b>Color:</b>	White.
<b>Odour:</b>	No odor.
<b>Odour Threshold:</b>	Not available.
<b>Physical State:</b>	Solid.
<b>pH:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Freezing Point:</b>	Not available.
<b>Boiling Point:</b>	~ 200 °C (~ 392 °F)
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Lower Flammability Limit:</b>	Not available.
<b>Upper Flammability Limit:</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>Vapor Density:</b>	Not available.
<b>Specific Gravity:</b>	3.8
<b>Solubility in Water:</b>	Not available.
<b>Coefficient of Water/Oil Distribution:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.



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**Percent Volatile, wt. %:** Not available.  
**VOC content, wt. %:** 0%, Not applicable; 0 wt, Not applicable.

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal storage conditions.  
**Conditions of Reactivity:** Heat. Incompatible materials.  
**Incompatible Materials:** Strong acids.  
**Hazardous Decomposition Products:** Oxides of carbon.  
**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

## Section 11: TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

#### Component Analysis

Ingredient	LD <sub>50</sub> (oral)	LC <sub>50</sub>
Aluminum oxide	> 5000 mg/kg, rat	Not available.

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**Skin:** Dust may cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Inhalation:** Dust may cause respiratory tract irritation. May cause lung damage through repeated or prolonged exposure. Cough, discomfort, difficulty breathing, or shortness of breath.

### EFFECTS OF CHRONIC EXPOSURE

**Target Organs:** Not available.  
**Chronic Effects:** Not hazardous by WHMIS/OSHA criteria.  
**Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen *
Aluminum oxide	Not listed.

\* See Section 15 for more information.

**Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.  
**Reproductive Effects:** Not hazardous by WHMIS/OSHA criteria.  
**Developmental Effects:**  
**Teratogenicity:** Not hazardous by WHMIS/OSHA criteria.  
**Embryotoxicity:** Not hazardous by WHMIS/OSHA criteria.  
**Respiratory Sensitization:** Not hazardous by WHMIS/OSHA criteria.  
**Skin Sensitization:** Not hazardous by WHMIS/OSHA criteria.  
**Toxicologically Synergistic Materials:** Not available.



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## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** May cause long-term adverse effects in the aquatic environment.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

## Section 13: DISPOSAL CONSIDERATIONS

### Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

## Section 14: TRANSPORTATION INFORMATION

### DOT Ground Classification

Not regulated

### TDG Ground Classification

Not regulated

### IATA Classification

Not regulated

### IMDG Classification

Not regulated

## Section 15: REGULATORY INFORMATION

### Federal Regulations

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

### SARA Title III

Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Aluminum oxide	Not listed.	Not listed.	Not listed.	313

### State Regulations

**New Jersey Right-To-Know:** Aluminum oxide. **Pennsylvania Right-To-Know:** Aluminum oxide.

**Massachusetts Right-To-Know:** Aluminum oxide.

### California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### Global Inventories

Ingredient	Canada DSL/NDSL	USA TSCA
Aluminum oxide	DSL	Yes.

All ingredients are on DSL/NDSL and TSCA inventories or are exempt from listing.



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## HMIS - Hazardous Materials Identification System

Health - 1

Flammability - 0

Physical Hazard - 0

PPE – E

## NFPA - National Fire Protection Association:

Health - 1

Fire - 0

Reactivity - 0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

## WHMIS Classification(s):

Not controlled.

## SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

**OSHA (O)** Occupational Safety and Health Administration.

**ACGIH (G)** American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

A5 - Not suspected as a human carcinogen.

**IARC (I)** International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

**NTP (N)** National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

## Section 16: OTHER INFORMATION

### Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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