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# MATERIAL SAFETY DATA SHEET

Date Issued: 07/01/2008

MSDS No: Robelle Mineral Out

Date Revised: 08/20/2008

Revision No: 2

## Robelle Mineral Out

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Robelle Mineral Out**GENERAL USE:** Metal Control for Swimming Pools and Spas.**DISTRIBUTOR**

Robelle Industries, Inc.

131 Tosca Dr.

Stoughton MA 02072

**Product Stewardship:** (781) 297-7422

### 2. HAZARDS IDENTIFICATION

**POTENTIAL HEALTH EFFECTS****EYES:** Causes eye irritation.**SKIN:** Causes skin irritation.**INGESTION:** Ingestion is not expected to be a primary route of exposure.**INHALATION:** May be harmful if inhaled. Do not breath spray mists of the undiluted product.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
Proprietary Blend	0

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, preferably with an ophthalmologist.**SKIN:** Wash exposed area with plenty of water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional.**INGESTION:** DO NOT INDUCE VOMITING. Rinse mouth with plenty of water or milk. Slowly give 1 to 2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention.**INHALATION:** Immediately move person to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek immediate medical treatment.



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### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** 100 °C

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**COMMENTS:** Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand or vermiculite). Flush spill area with water. Use appropriate containers to avoid environmental contamination.

### 7. HANDLING AND STORAGE

**HANDLING:** Keep out of reach of children.

**STORAGE:** Store in a cool dry place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields or goggles.

**SKIN:** Rubber gloves.

**RESPIRATORY:** Provide dilution ventilation to control vapor and/or mist level. When misting occurs in the work area, a NIOSH/MSHA approved-respirator may be required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Characteristic.

**APPEARANCE:** Blue liquid.

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pH: to 1.34

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: 100 °C

FREEZING POINT: Not Applicable

FLASHPOINT AND METHOD: 100 °C

SOLUBILITY IN WATER: Soluble in hot water, partial in cold.

SPECIFIC GRAVITY: 1.025

#### 10. STABILITY AND REACTIVITY

STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of phosphorous and carbon; acids of phosphorous.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong acids and alkalis.

#### 11. TOXICOLOGICAL INFORMATION

ACUTE

EYES:

Notes: Not available.

#### 12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: Not available.

#### 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

#### 14. TRANSPORT INFORMATION



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### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive Liquid, Acidic, Organic, N.O.S. (1-Hydroxyethylidene diphosphonic Acid)**PRIMARY HAZARD CLASS/DIVISION:** 8**UN/NA NUMBER:** UN 3265**PACKING GROUP:** III**OTHER SHIPPING INFORMATION:** DOT exception 173.154 - this product qualifies as a Consumer Commodity (ORM-D) when inner packaging does not exceed 1 gallons.

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Hazard Categories: Health: Immediate (Acute) Health Hazard**313 REPORTABLE INGREDIENTS:** No ingredients listed at or above the de minimus level.

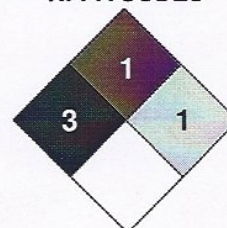
### 16. OTHER INFORMATION

**REVISION SUMMARY:** Revision #: 2 This MSDS replaces the June 13, 2008 MSDS. Any changes in information are as follows: In Section 1 Approval Date MSAPPTIME Not Found

#### HMIS RATING

HEALTH:		3
FLAMMABILITY:		1
PHYSICAL HAZARD:		1
PERSONAL PROTECTION:		

#### NFPA CODES



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