

MATERIAL SAFETY DATA SHEET

2430

Date Issued: 12/11/2008

MSDS No: Robelle 4-1 Water Treatment

Robelle 4-In-1 Water Treatment

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Robelle 4-In-1 Water Treatment

GENERAL USE: Swimming pool clarifier.

DISTRIBUTOR

Robelle Industries, Inc.

131 Tosca Dr.

Stoughton MA 02072

Product Stewardship: (781) 297-7422

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Minor transient irritation.

SKIN: Substance does not generally irritate and is only mildly irritating to susceptible people.

INGESTION: Poses little or no immediate hazard.

INHALATION: Not expected to be toxic by inhalation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%
Proprietary Blend	100

4. FIRST AID MEASURES

EYES: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Not considered toxic.

INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 100°C (212°F) CC

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EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam.

EXPLOSION HAZARDS: None.

FIRE FIGHTING PROCEDURES: Spills produce extremely slippery surfaces.

FIRE FIGHTING EQUIPMENT: No special equipment required.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not discharge into drains or waterways.

GENERAL PROCEDURES: Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilled in large quantities, clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

HANDLING: Wash hands after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
		EXPOSURE LIMITS	
		OSHA PEL	
Chemical Name		ppm	mg/m ³
Proprietary Blend	TWA	[1]	[1]
Footnotes: 1. Although a component of this product is considered an OSHA Hazardous material, this product does not contain any reportable OSHA hazardous materials.			

ENGINEERING CONTROLS: Natural ventilation is adequate. Use local exhaust if misting occurs.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields. Do not wear contacts.

RESPIRATORY: In case of insufficient respiration, wear suitable respiratory equipment.

PROTECTIVE CLOTHING: Chemical resistant apron.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

APPEARANCE: Blue liquid.

pH: 5.8 to 7.1

VAPOR PRESSURE: N/A

VAPOR DENSITY: 1.04 g/cm³

FLASHPOINT AND METHOD: > 100°C (212°F) CC

SOLUBILITY IN WATER: Complete.

EVAPORATION RATE: Not Available

VISCOSITY #1: 1000 to 3000 CPS

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition if stored and applied as directed. Burning of the dried material can produce hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides.

INCOMPATIBLE MATERIALS: Oxidizing agent may cause exothermic reactions.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: > 2000 mg/kg (rat)

Notes: Not expected to be toxic.

CHRONIC: NOEL/Oral (rat) 90 day = 5000 mg/kg.

IRRITATION: Testing on rabbits shows minor transient irritation which cleared in days. Skin exposure may cause skin irritation with susceptible persons.

TERATOGENIC EFFECTS: Not teratogenic. No_{el}=175 mg/kg.

MUTAGENICITY: Not mutagenetic.

12. ECOLOGICAL INFORMATION

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AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 10 mg/l (Danio Rerio)

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

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.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No components of this product are present above the de minimus levels.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

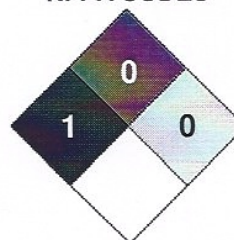
16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	1
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



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