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MATERIAL SAFETY DATA SHEET

Ecologix Environmental Systems, LLC 11800 Wills Road, Suite 100 Alpharetta, GA 30009 USA Phone: 678-514-2100 - Fax: 678-514-2106	EMERGENCY TELEPHONE NUMBER: ECOLOGIX 1-888-326-2020 DATE: 10/10/08
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SECTION I: IDENTIFICATION & PRODUCT INFORMATION

TRADE NAME: CIOB-5
CHEMICAL NAME: Proprietary Blend of Inorganic Coagulants
CHEMICAL FAMILY: Industrial Water Conditioner

SECTION II: COMPOSITION, INFORMATION ON INGREDIENTS

Material	CAS#	%	EXPOSURE LIMIT
Aluminum Chlorhydrate	12042-91-0	<60	Unknown
Precise mixture is proprietary.			

SECTION III: PHYSICAL DATA

Boiling Point (F): >.212F
Viscosity: 2-5 CP @ 25C
Vapor Pressure: NA
Solubility in Water: Complete
Appearance and Odor: Clear Slightly Yellow liquid, slight odor

Specific Gravity: 1.30
Evap. Rate (water = 1): Like Water
pH: 4.0 - 4.4

SECTION IV: FIRE PROTECTION INFORMATION

Flash Point (method used): Non-flammable
Flammable Limits: Not Applicable, Aqueous System
Extinguishing Media: Non-flammable (aqueous solution)
Special Fire-Fighting Procedures: Use self-contained breathing apparatus and protective clothing while extinguishing a fire.
Unusual Fire and Explosion Hazards: Product is nonflammable as supplied.

National Fire Protection Association (NFPA) Rating (in fire conditions):
Toxicity: 1 Fire: 0 Reactivity: 0 Special: None
Hazard Rating: 4=extreme 3=high 2=moderate 1=slight 0=insignificant

SECTION V: HEALTH HAZARDS INFORMATION

Exposure Limit(s): Not established

EFFECTS OF SINGLE OVEREXPOSURE:

Inhalation: Material can cause irritation to respiratory system.

Skin Contact: No specific information. Repeated exposures may cause irritation.

Swallowing: No specific information. Swallowing large amounts may cause injury or damage to gastro intestinal tract.

Eye Contact: Direct contact may cause irritation, swelling and redness.

Effects of repeated contact with the eyes may result in conjunctivitis.

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING: If large amount is swallowed, obtain immediate medical attention without delay.

SKIN: Immediately remove contaminated clothing and shoes. Wash skin with soap and water. Obtain medical attention if an irritation persists. Wash clothing before reuse. Discard contaminated leather articles such as shoes and belt.

INHALATION: Remove to fresh air. Obtain medical attention immediately if effected person has difficulty breathing.

EYES: Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain immediate medical attention without delay.

FOR EMERGENCY INFORMATION: CALL CHEMTREC - 1 (800) 424-9300

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SECTION VI: REACTIVITY DATA

Stable: Yes Hazardous Polymerization: Will not occur.

Conditions to Avoid: Strong oxidizers may react with product. Caustic will precipitate Aluminum Hydroxide.

Materials to Avoid: Strong oxidizing agents and alkaline materials.

Hazardous Decomposition Products: None

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SECTION VII: SPILL OR LEAK PROCEDURES AND WASTE DISPOSAL

Spill or Leak Procedures:

If spilled, neutralize with sodium bicarbonate. Dike spills for recovery with absorbent material. Wash spill area with large amounts of clear water. Soap may precipitate Aluminum Hydroxide. Wear face shield, boots and rubber apron if spilled. Material may be slippery.

Waste Disposal:

Landfill or incinerate. Dispose of in accordance with local, state and federal regulations.

SECTION VIII: OCCUPATIONAL PROTECTIVE EQUIPMENT

Eye: Chemical goggles, safety glasses. Face shield if splashing likely.

Respiratory: None required if good ventilation is maintained. If mists or dusts encountered wear dust mist apparatus.

Skin: Rubber, Nitrile (NBR), Butyl or Polyethylene gloves. Rubber apron and boots if splashing likely.

Other: Eye bath and safety shower.

SECTION IX: PRECAUTIONARY MEASURES

Store in cool dry place. Avoid skin and eye contact. DO NOT TAKE INTERNALLY. Keep container closed when not in use. Wash thoroughly after handling.

SECTION X: REGULATORY INFORMATION

CERCLA: None

SARA TITLE III:

Sec. 313 Toxic Chemical Release: None

Sec. 302-304: Extremely hazardous Substances: None

TSCA: Ingredients of this product are on TSCA inventory.

SECTION XI: TRANSPORTATION

DOT Classification: Not regulated

MSDS CIOB-5

10/00

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