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MATERIAL SAFETY DATA SHEET

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EMERGENCY TELEPHONE NUMBER:
ECOLOGIX 1-888-326-2020
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SECTION I: IDENTIFICATION & PRODUCT INFORMATION

TRADE NAME: **PDB-2**

CHEMICAL NAME: Proprietary Blend of Organic Precipitating Agents

CHEMICAL FAMILY: Industrial Water Conditioner

SECTION II: COMPOSITION, INFORMATION ON INGREDIENTS

Material	CAS#	% Composition	EXPOSURE LIMIT
Sodium Dimethyldithiocarbamate	128-04-1	40	Not Established
Other substances not "hazardous" per OSHA communication standard may be included. Precise mixture is proprietary.			

SECTION III: PHYSICAL DATA

Boiling Point (F): >.212F
Specific Gravity: 1.125 - 1.175
Volatile by Volume (%) Approx. 60
pH: 12.0 – 13.0
Evap. Rate (water = 1): Like Water
Vapor Pressure: NA
Solubility in Water: Complete
Vapor Density: NA
Appearance and Odor: Clear Yellow-Green to Amber liquid, slight sulfide odor

SECTION IV: FIRE PROTECTION INFORMATION

Flash Point (method used): NE

Flammable Limits in Air, % by Volume: NE

Extinguishing Media: Non-flammable as supplied. Use water, foam, carbon dioxide or dry chemical.

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. May form flammable by-products on contact with strong acids and/or extreme heat.

National Fire Protection Association (NFPA) Rating (in fire conditions):

Toxicity: 2 Fire: 0 Reactivity: 0 Protective Equipment: 2

Hazard Rating: 4=extreme 3=high 2=moderate 1=slight 0=insignificant

SECTION V: HEALTH HAZARDS INFORMATION

Ingestion (swallowing): May cause nausea and vomiting.

Skin Contact: Slightly irritating to skin.

Eye Contact: Possibly irritating to eyes.

Inhalation: Vapors may be irritating to nose, throat and respiratory tract producing symptoms of nausea.

Target Organ Effect: NE

Delayed Effects: NE

Carcinogenicity: NE

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING: If person is conscious, give water or milk to dilute. DO NOT INDUCE VOMITING. 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. Give artificial respiration if not breathing. If breathing is difficult, oxygen may be qualified personnel. 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, preferably from an ophthalmologist.

FOR EMERGENCY INFORMATION: CALL ECOLOGIX - 1 (888) 326-2020

For additional non-emergency information: (678) 514-2100

SECTION VI: REACTIVITY DATA

Stable: Yes Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid high temperature and evaporation of water. Temperatures above 100C (212F).

DANGER – Do not acidify. Acidification releases flammable toxic gases.

Materials to Avoid: Mineral Acids such as sulfuric, nitric, hydrochloric and nitrosating agents.

Hazardous Decomposition Products: Thermal decomposition may release gases such as amines and carbon disulfide. Combustion of dry film may release oxides of carbon, nitrogen and sulfur.

SECTION VII: SPILL OR LEAK PROCEDURES AND WASTE DISPOSAL

Spill or Leak Procedures:

Dike spills for recovery with absorbent material and scoop in drums. Do not flush directly to waste treatment facility or water course. This product is toxic to fish. Do not discharge to sewer.

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

SECTION VIII: OCCUPATIONAL PROTECTIVE EQUIPMENT

Eye: Chemical goggles or faceshield.

Respiratory: None required if good ventilation is maintained. Otherwise wear Self-contained breathing apparatus (SCBA) in high vapor concentrations.

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

Ventilation: Provide local exhaust sufficient to keep vapors below TLV. However, if vapors are strong enough to be irritating to nose (or eyes), then the TLV is probably being exceeded and special ventilation may be required.

Other: Eye bath and safety shower.

SECTION IX: PRECAUTIONARY MEASURES

DANGER! KEEP AWAY FROM ACIDS. DO NOT ACIDIFY. 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. Do not inhale vapors or mists. DESTROY ANY CONTAMINATED LEATHER ARTICLES.

SECTIONX: REGULATORY INFORMATION

CERCLA: None Required.

SARA TITLE III:

Sec. 313 Toxic Chemical Release: Threshold Reporting Quantity: NONE

Sec. 302-304: Extremely hazardous Substances: NONE

Sec. 311-312: Inventory Reporting - Hazard Category: Immediate health, delayed health

TSCA: Ingredients of this product are on the TSCA inventory.

SECTION X1: OTHER INFORMATION

TRANSPORT INFORMATION: Compounds, Boiler Cleansing Liquids; NMFC: Class 55, Item 50093, sub 2

KEY: NR = Not Required, NE = Not Established, NA = Not Applicable

Advice given under "Waste Disposal" assumes compliance with Federal State and Local regulations regarding the disposal of hazardous wastes.

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