

# MATERIAL SAFETY DATA SHEET

**FedChem, L. L. C.**

Subsidiary of Federal Process Corporation  
275 Keystone Drive  
Bethlehem, PA 18020

## AquaProof WB-1B

HMIS: HEALTH-1 FIRE-0 REACTIVITY-0

Date Issued: 12/07/2005 Supersedes: 06/16/2005

CHEMTREC (800) 424-9300  
Emergency Phone Number (610) 837-1808

### I. IDENTIFICATION & PHYSICAL DATA

**Product Name:** AquaProof WB-1B

**Product Class:** Metal complex

**Manufacturer's I.D.:** Bethlehem PA

**VOC:** None

**Solubility in Water:** Complete

**Evaporation Rate:** Slower Than Butyl Acetate

**Appearance and Odor:** Clear to hazy light colored thin liquid (<100 cps) with ammonical odor

**Percent Volatile by Volume:** 77

**Boiling Range:** >212 F

**Vapor Density:** Heavier Than Air

**Specific Gravity:** 1.2

**Density:** 10.01 Pounds/Gallon

**Vapor Pressure at 20 C:** <17.5 mm Hg

### II. HAZARDOUS INGREDIENTS

	CAS #	WT %	OSHA TWA ppm	OSHA STEL ppm	ACGIH TWA ppm	ACGIH STEL ppm
Metal Complex	**	<30	5 Mg/M3(As Zr)	10 Mg/M3(As Zr)	5 Mg/M3(As Zr)	10 Mg/M3(As Zr)
Ammonium hydroxide	1336-21-6	<6.5	---	---	---	---

\*\*The specific chemical identity is being withheld as a trade secret.

--- Not Established.

This product is listed on the TSCA registry.

### III. FIRE & EXPLOSION DATA

**Flashpoint:** >200 F

**LEL:** No Data

#### Extinguishing Media:

Material does not burn. No restrictions on extinguishing media for fires in surrounding areas.

#### Unusual Fire and Explosion Hazards:

Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.

#### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

### IV. REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Conditions to Avoid:

No Information

#### Materials to Avoid:

No specific information available.

#### Hazardous Decomposition Products:

Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide, oxides of zirconium and ammonia.

To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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## V. HEALTH HAZARD DATA

### Effects of Overexposure:

**Ingestion:** No specific Information Available

Contains materials that may be slightly toxic.

**Inhalation:** No specific Information Available

Contains materials which have the potential to cause respiratory irritation if inhaled.

**Skin Absorption:** No specific Information Available

Contains materials that may be practically nontoxic.

**Skin Contact:** No specific Information Available

Contains materials that may cause skin irritation on prolonged or repeated exposure.

**Eye Contact:** No specific Information Available

Contains materials that may cause eye injury which may persist for several days.

### Chronic Effects of Overexposure:

No Specific Information Available

## Emergency and First Aid Procedures:

### Eye Contact:

Flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.

### Skin Contact:

Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

### Ingestion:

If appreciable quantities are swallowed, seek medical attention.

### Inhalation:

In case of exposure to a high concentration of fumes or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

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## VI. SPILL OR LEAK PROCEDURES

### Steps to Be Taken in Case Material Is Released or Spilled:

Dike spill. Absorb with inert material and collect for disposal. Flush area with water. Prevent washings from entering waterways. Spills or releases to the environment may be reportable to the National Response Center, (800) 424-8802, and to state and/or local agencies.

### Waste Disposal Method:

Dispose of in a landfill in accordance with federal, state, and local regulations.

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## VII. SPECIAL PROTECTION INFORMATION

### Respiratory Protection:

Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor/mist is likely and where ventilation is inadequate.

### Ventilation:

Local Exhaust - Recommended when appropriate to control employee exposure.

Mechanical - Not recommended as the sole means of controlling employee exposure.

**Protective Gloves:** For operations where contact can occur, wear impervious gloves.

**Eye Protection:** Safety goggles.

**Other Protective Equipment:** For operations where contact can occur, a safety shower and eye wash facility should be available.

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## VIII. SPECIAL PRECAUTIONS

Store in a dry place and do not freeze. Keep container closed. Avoid breathing mist and fumes when heating during use.

**IX. STATE R-T-K COMPOSITION INFORMATION****(And Canada)**

<b>Component</b>	<b>CAS</b>	<b>WT %</b>	<b>DSL</b>	<b>NDSL</b>
Metal Complex	Confidential	<30	Yes	No
Ammonium hydroxide	1336-21-6	<6.5	Yes	No
Water	7732-18-5	<80	Yes	No

**X. SARA Title III Section 313 Information**

This product does not contain any SARA Title III Section 313 chemicals.

**XI. RCRA Information**

**Regulated Waste:** No **Disposal Code** None

**XII. CERCLA Information**

Under EPA-CERCLA, releases to air, land, or water which exceed the reportable quantity must be reported to the National Response Center (800-424-8802). This product contains no materials with reportable quantities.

**XIII. California Proposition 65 Information**

To the best of our knowledge, this product does not contain any California Proposition designated chemicals.

**XIV. Transportation Information**

**D.O.T. Shipping Name:** Not Applicable  
**D.O.T. Hazard Class:** Not Regulated **D.O.T. UN/NA Number:** None

**XV. Other Information**

Certain conditions of use may turn ammonium hydroxide into ammonia (CAS # 7664-41-7) which is a SARA 313 chemical and which has OSHA and ACGIH STELs of 35 ppm and ACGIH TWA of 25 ppm.

**XVI. International Regulatory Lists**

<b>Country</b>	<b>List</b>	<b>Status</b>
Australia	AICS	?
Canada	DSL	?
China	IECSC	?
Europe	EINECS/ELINCS	?
Japan	ENCS	?
Korea	ECL	?
New Zealand		?
Phillipines	PICCS	?
Taiwan	TCS/TTSCA	?

KEY: 'Y' = All components are on the country's list; 'N' = One or more ingredients are not on the Country's list; '?' = Not Determined