

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: pH Adjuster  
SYNONYMS:  
PRODUCT CODE: pH Adjuster  
MANUFACTURER: Bert's Paint Inc.  
ADDRESS: 2401 S. 12<sup>th</sup> Street  
Phoenix, AZ 85034

EMERGENCY PHONE: 602-495-6000  
FAX PHONE: 602-523-9675


CHEMICAL FAMILY: Paint Waterbase

PRODUCT USE: Industrial Coating  
PREPARED BY: Michael Thornham

**SECTION 2: HAZARD(S) IDENTIFICATION**

Hazard Classification:

Label Elements:

Hazard symbol(s):  (Irritant and toxic to aquatic life)  
Inhalation: May cause irritation to the respiratory system. Breathing vapors may affect the central nervous system. Move to fresh air.  
Ingestion: Harmful if swallowed. Do not induce vomiting  
Skin: Irritating to skin.  
Eyes: May cause irritation, tearing, burning or redness

This product contains ingredients that may contribute to the following potential chronic health effects:  
Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Wt %	CAS #
Ammonia	10 - 15	7664-41-7
Diethylaminoethanol	10 - 15	100-37-8
Water	70 - 80	7732-18-5

**SECTION 4: FIRST AID MEASURES**

Ingestion: Treat symptomatically. Rinse mouth with water. Give one or two glasses of water. Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of medical personnel. Get medical attention

Inhalation: Remove exposed person to fresh air if adverse effects are observed get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash with soap and water, if skin irritation occurs, get medical attention.

Eye Contact: Wash out immediately with water for up to 10 minutes. If possible remove contact lenses. Get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Extinguishing media:** Water spray. Dry chemical or foam. CO2 may be ineffective on large fires.

**Special protective equipment:** Wear full protective gear including self-containing breathing apparatus operated in a positive pressure mode with full face piece, coat pants, gloves and boots.

**Conditions to Avoid:** Excess heat may cause containers to rupture. Avoid freezing conditions.

**Incompatibility (Materials to Avoid):** Avoid strong alkaline and acids.

**Hazardous Decomposition:** CO, CO2, Oxides of Nitrogen

**Hazardous Polymerization:** Will not occur

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Action to be taken if material is released or spilled:**

Ventilate area. Avoid unnecessary skin contact. Stop and/or contain spill if it can be done safely, avoiding discharge into drains, sewers, or waterways. Collect by absorption, shovel and/or wet mopping. Also wipe, scrape or soak up in/with an inert material and put in a container for disposal. Avoid contact with eyes.

**Waste Disposal Method:**

Dispose of in accordance with Local, State and Federal Regulations.

**Precautions to be taken in Handling and Storing:**

Use with adequate ventilation. Avoid prolonged breathing of vapor. Avoid prolonged or repeated skin contact.

**OTHER PRECAUTIONS:**

Avoid all Sources of Heat.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling:**

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate PPE.

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mists or vapors. When using do not eat, drink or smoke.

Stir well before use. Keep container closed when not in use.

Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**General Information:** Use personal protective equipment as required.

**Respiratory Protection:**

Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulation must be followed whenever workplace conditions require the use of a respirator. Use of proper respiratory protection is recommended.

**Ventilation:**

Maintain good ventilation to keep product vapor concentrations below specified limit values.

**Skin Protection:**

**Protective Gloves:** Suitable gloves should be used to limit effect of skin over-exposure.

**Eye Protection:**

Goggles or face shield are recommended.

**Other Protective Clothing or Equipment:**

To prevent repeated or prolonged skin contact, wear appropriate PPE and boots/shoes.

**Work/Hygienic Practices:**

Eye washes and safety showers in the workplace are recommended, as well as barrier creams, daily showers and a change of clothes.

**Exposure Guidelines:**

Ammonium Hydroxide (7664-41-7) TWA (air) ACGIH LTV: 25ppm OSHA PEL: 50ppm STEL: 35ppm  
2-diethylaminoethanol (100-37-8) ORAL(Rat) LD50 1320 mg/Kg Inhalation(Rat) 4.6gm/L 4hours

**SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS**

Boiling Range	212°F (water) 100°C
Solubility in water	Soluble
Flash Point	ND
Solids by weight	0.00 ± 0.5
Volatile by weight	75.00 ± 0.5
Specific gravity	0.978
Weight per gallon	8.15
Coatings VOC	7.27 lbs (872.05 g/L)
Material VOC	1.94 lbs (232.23 g/L)
Appearance	Thin Liquid
pH	10+
Vapor density	Heavier than air
Odor	mild

**SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** material is stable under normal conditions

**Conditions to avoid:** - Do not freeze, excess heat and open flames.

**Incompatibility:** (Materials to avoid): mineral acids, isocyanates.

**Hazardous Reactions:** Can react with oxidizing agents:

**Hazardous Decomposition:** Thermal decomposition or combustion may generate nitrogen oxides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**

Product: No information available.

**Component:**

Respiratory sensitization No information available.

Skin sensitization: No information available

**Chronic Effects:**

Carcinogenicity: No Information available

Mutagenicity: No information available

Reproductive: No information available

**SECTION 12: ECOLOGICAL INFORMATION**

**Product:**

No ecological information on this product regarding acute toxicity to fish, aquatic invertebrates or aquatic plants.

**Component:**

Acute toxicity to Fish: (Ammonia) Harmful to aquatic life at low concentrations..

No information available on Aquatic Invertebrates and Aquatic Plants

**SECTION 13 DISPOSAL CONSIDERATIONS**

**Disposal Instructions:**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and local regulations. Empty containers retain product residue, follow label warnings even after container is emptied.

**SECTION 14: TRANSPORTATION INFORMATION**

DOT Not regulated

IMDG Not regulated

IATA Not regulated

**SECTION 15: REGULATORY INFORMATION**

US Federal Regulations -

USA Yes, all components are listed or exempt

SARA 311/312 hazardous categorization

Hazardous Categories

Acute Health Hazard No  
 Chronic Health Hazard Yes  
 Fire Hazard No  
 Sudden Release of pressure Hazard No  
 Reactive Hazard No

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**SECTION 16: OTHER INFORMATION**

HMIS Hazard ID:

Health	2
Flammability	1
Physical Hazards	0

Rating: 0 Minimal  
 1 Slight  
 2 Moderate  
 3 Serious  
 4 Severe \* chronic health effect

**DISCLAIMER:**

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