



## MATERIAL SAFETY DATA SHEET

### Edwal Blue Toner Concentrate

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#### SECTION I PRODUCT IDENTIFICATION

**Trade Name:** Edwal Blue Toner Concentrate  
**Product Code(s):** ED-CT-4-BL  
**Manufacturer:** Brandess/Kalt/Aetna  
701 Corporate Woods Pkwy  
Vernon Hills, IL 60061  
847-821-4237  
**Emergency Phone #** Chemtrec 800-424-9300  
**Product Form:** Liquid Solution  
**Synonyms:** None

**Date:** 01/23/2009

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#### SECTION II HAZARDOUS INGREDIENTS

Ingredients	CAS #	%
Acetic Acid	64-19-7	<5%
Ferric Ammonium Citrate – (Iron salts, soluble, as Fe)	1185-57-5	<5%
Potassium Ferricyanide	13746-66-2	<1%

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#### SECTION III PHYSICAL DATA

<b>Boiling Point (°F)</b>	>212°F	<b>Appearance and Odor</b>	Clear, yellow liquid, slight vinegar odor
<b>Vapor Pressure (MM hg)</b>	NE	<b>Specific Gravity</b>	.88
<b>Vapor Density (Air=1)</b>	NE	<b>pH</b>	3.1
<b>Solubility In Water</b>	Complete	<b>Evaporation Rate (Ether =1)</b>	1

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#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**Flash Point** – None      **Flammable Limits**      **LEL** – NA      **UEL** - NA  
**Extinguishing Media** – Use media suitable for surrounding materials.  
**Special Fire Fighting Procedures** – No special procedures required.  
**Unusual Fire & Explosion Hazards** – None Known.

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#### SECTION V – HEALTH HAZARD INFORMATION

**Symptoms and Effects of Overexposure** – Respiratory irritation. Skin irritation. Eye contact is irritating and may cause damage.

**Medical Conditions Aggravated by Exposure** – None Known

##### First Aid

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

**Skin:** Wash affected area with large amounts of water. Get medical help if irritation persists.

**Inhalation:** Move victim to fresh air. Get medical help if irritation persists.

**Ingestion:** Contact local Poison Control Center or physician immediately!

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#### SECTION VI – REACTIVITY DATA

**Stability** – Normally Stable

**Incompatible Materials** – Alkalis, strong oxidizers

**Hazardous Decomposition Products** – Carbon Monoxide, Carbon Dioxide, traces of Ammonia and Nitrogen dioxide

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#### **SECTION VII – SPILL or LEAK PROCEDURES**

**Procedures** – Wear personal protective equipment (see Section VIII). Clean up with absorbent material.

**Waste Disposal Method** – Dispose of in accordance with Local, State, and Federal Regulations.

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#### **SECTION VIII – SPECIAL PROTECTION INFORMATION**

**Respiratory** – Not normally required. If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH approved respirator for organic vapors.

**Eyewear** – Wear chemical safety goggles.

**Clothing/Gloves** – Wear chemical-resistant gloves and clothing as needed to prevent skin contact.

**Ventilation** – Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health safety personnel.

#### **SECTION IX – SPECIAL PRECAUTIONS**

**Store in a closed container in cool, well-ventilated area. This product does not contain any carcinogens (at 0.1% or greater) as defined by ARC, NTP, or OSHA.**

**PHYSICIAN – DO NOT give epinephrine type drugs!**

The information and recommendations contained in this material safety data sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.