

**MSDS****Material Safety Data Sheet**

24 HOUR EMERGENCY TELEPHONE NUMBER <b>CALL CHEMTREC</b> <b>1-800-424-9300</b>
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**Solution C, Eosin Reagent (Wescor)**


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**Section I: PRODUCT IDENTIFICATION****Name:** Solution C, Eosin Reagent (for use on the Wescor Aerosprayer®)**Azer Scientific Product Number:** ES945, ES947**Product Description:** Eosin Reagent**Cas No:** Not Applicable to mixtures**Formula:** Mixture**Revision Date:** 22 January 2007

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**Section II: HAZARDOUS INGREDIENTS / EXPOSURE LIMITS**

<b><i>Hazardous Component(s):</i></b>	<b><i>CAS Number</i></b>	<b><i>OHSA PEL, ACGIH TLV/STEL</i></b>
Sodium Azide Trace	26628-22-8	0.29TWA

<b><u>NFPA</u></b>	Health	1
	Flammability	0
	Reactivity	0

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**Section III: PHYSICAL / CHEMICAL COMPOSITION**
**Boiling Point:** 100°F**Vapor Pressure mm Hg/20°C:** NE**Vapor Density (Air 1:1):** NE**Solubility in H<sub>2</sub>O:** Complete**Specific Gravity (H<sub>2</sub>O = 1):** ~1**Percent Volatile by Vol:** NA**Evaporation Rate (ether = 1):** > 1**Appearance & Odor:** Orange Liquid/Odorless

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**Section IV: FIRE/EXPLOSION HAZARD DATA**

*Flash Point:* Non-Flammable    *Flammable Limits:* LEL: NA    *UEL:* NA  
*Extinguishing Media:* Water Spray, Dry Chemical, CO2 and Foam for Alcohol  
*Special Fire Fighting Procedures:* Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.  
*Unusual Fire & Explosion Hazards:* May give-off toxic fumes under fire conditions.

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**Section V: REACTIVITY DATA**

*Stability:* Stable  
*Material to Avoid:* Some metallic oxides/metals (lead)-(not in the concentration present)  
*Hazardous Decomposition or Byproducts:* Oxides of carbon, nitrogen  
*Hazardous Polymerization:* Does not occur  
*Conditions to Avoid:* Normal Laboratory Care

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**Section VI: HEALTH HAZARD DATA**

*Routes of Entry:* Inhalation, Skin and Ingestion  
*Acute/Chronic:* Product is not expected to cause health hazards when utilizing good laboratory practices and the concentration present in the product. Eye and skin irritant. Poisonous if swallowed.  
*Carcinogenicity:* Not classified as a human carcinogen.  
*Signs/Symptoms of Exposure:* Vision blurring, drowsiness and headache.

**\*\*\*\*\* Emergency First Aid \*\*\*\*\***

*Skin:* Remove contaminated clothing and change. Wash affected skin area with soap and water.  
*Eyes:* Thoroughly flush eyes with water. Contact a physician if irritation persists.  
*Ingestion:* Rinse mouth thoroughly with water, provided person is conscious and contact a physician.  
*Inhalation:* Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

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**Section VII: SAFE HANDLING**

*Chemical Release or Spill:* Isolate the spill area with sand, or other absorbent material. Place all contaminated material in close container for disposal.  
*Waste Disposal Method:* All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.  
*Precautions for Handling and Storing:* Normal Laboratory Care

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**Section VIII: CONTROL MEASURES**

*Respiratory Protection:* Not normally required.

*Ventilation:* Mechanical exhaust is sufficient.

*Protective Gloves:* Chemical resistant.

*Eye Protection:* Safety glasses.

*Other Protective Clothing or Equipment:* Normal laboratory apparel suggested by Good Laboratory Practices.

*Work/Hygienic Practices:* Wash thoroughly with soap and water after handling.

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