

M S D S**Material Safety Data Sheet**

24 HOUR EMERGENCY
TELEPHONE NUMBER
CALL CHEMTREC
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Section I: IDENTIFICATION

Product Name: EasyIII Solution I

Azer Scientific Product Number: ES902, ES904, ES907

Section II: HAZARDOUS INGREDIENTS

<i>Non-Hazardous Component(s):</i>	<i>CAS Number</i>	<i>OHSA PEL, ACGIH TLV/STEL</i>	<i>NFPA</i>
Eosin Y <1%	17372-87-1	NA	Health 1
Potassium Phosphate <1%	7778-77-0	NA	Flammability 0
Sodium Phosphate <1%	10049-21-0	NA	Reactivity 0
<i>Hazardous Component</i>			
Sodium Azide Trace	26628-22-8	0.29TWA	

Section III: PHYSICAL DATA

Boiling Point: 100°F	Specific Gravity (H₂O = 1): ~1
Vapor Pressure mm Hg/20 °C: NE	Percent Volatile by Vol: NA
Vapor Density (Air 1:1): NE	Evaporation Rate (ether = 1): >1
Solubility in H₂O: Complete	Appearance & Odor: Orange Liquid/Odorless

Section IV: FIRE/EXPLOSION HAZARD

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.

Section V: REACTIVITY

Stability: Stable **Material to Avoid:** Some metallic oxides/metals (not in the concentration present)

Hazardous Decomposition or Byproducts: Oxides of carbon, nitrogen

Hazardous Polymerization: Does not occur **Conditions to Avoid:** Normal Laboratory Care

Section VI: HEALTH HAZARDS

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.

Section VI: HEALTH HAZARDS

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 persist.

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.

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

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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