



Material Safety Data Sheet

1. Chemical Product & Company Data

Product Name: Sapphire Scientific Dye Stabilizer and Rinse	
Sapphire Scientific 2604 Liberator Prescott, AZ 86301 Telephone: 866-445-3030	

2. Ingredients

Name	CAS #	UN#	% by volume
Glycolic acid	79-14-1		<10%

3. Hazards Identification

<p>WARNING STATEMENTS</p> <p>CAUTION: May cause moderate eye irritation. Harmful if swallowed, or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse.</p> <p style="text-align: center;">KEEP OUT OF REACH OF CHILDREN</p>
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4. First Aid

<p>Ingestion- Call a poison control center or doctor immediately for treatment advice.</p> <ul style="list-style-type: none"> • Have person rinse mouth with water. If able to swallow, drink water to cause dilution. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. <p>Inhalation – Move to fresh air.</p> <ul style="list-style-type: none"> • Consult a physician if irritation of respiratory passages occurs. <p>Eye Contact – Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</p> <ul style="list-style-type: none"> • Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. <p>Skin Contact – Take off contaminated clothing.</p> <ul style="list-style-type: none"> • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.

5 Fire Fighting Measures

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, under which conditions?	
Flash point: does not flash	Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
	Firefighting Instructions	Wear self-contained breathing apparatus and protective suit. Will react with most metals, releasing potentially explosive hydrogen gas.

6. Accidental Release Measures

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel): Use personal protective equipment.

Spill Cleanup : Neutralize with: lime soda ash If this product is spilled and not recovered, or is recovered as a waste for treatment or disposal, the CERCLA Reportable Quantity is 1000 lbs. (release of an Unlisted Hazardous Waste with the Characteristic of Corrosivity.)

Accidental Release Measures: Try to prevent the material from entering drains or water courses.

7. Handling & Storage

Handling (Personnel): Avoid breathing mist. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Storage: Keep in a well-ventilated place. Keep tightly closed. Keep away from heat.

Storage temperature : > 10 °C (> 50 °F)

8. Exposure Controls & Personal Protection

Engineering controls: Use only with adequate ventilation.

Personal protective equipment

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection : Material: Impervious gloves

Eye protection: Wear coverall chemical splash goggles.

Skin and body protection : Where there is potential for skin contact have available and wear as appropriate: Complete suit protecting against chemicals

9. Physical & Chemical Properties

Form	liquid
Color	light amber
Odor	mild, of burnt sugar
pH	2 at 25 °C (77 °F)
Vapor Pressure	0.017 hPa at 25 °C (77 °F)
Density	1.03 g/cm ³ at 26 °C (79 °F)
Water solubility	miscible

10. Stability and Reactivity

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Incompatibility with other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Oxidizing agents Cyanides Sulphides active metals (such as sodium, potassium, magnesium. Contact with reactive metals and strong oxidizing agents to produce hydrogen. Oxides, or nitrogen

11. Toxicological Information

Acute oral toxicity	Greater than 5g/kg
Skin irritation	Material is not a primary skin irritant
Eye irritation	Material is not a primary eye irritant

12 Ecological Information

Aquatic Toxicity as Glycolic acid 96 h LC50 48 h LC50 EC50 48 h EC50	Fathead minnow 164 mg/l Lepomis macrochirus (Bluegill sunfish) 93 mg/l Algae 21.6 mg/l Daphnia 141 mg/l
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13. Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.
Environmental Hazards : Do not re-use empty containers

14. Transport Information

TRANSPORTATION INCIDENT INFORMATION: Not regulated as a hazardous material by the D.O.T. DOT IDENTIFICATION NUMBER: N/A
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15. Regulatory Information

TSCA Status: Listed. SARA 313 Regulated Chemical(s) : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
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16. Other Information

HMIS (U.S.A.) Codes: Health: 2 Fire: 0 Reac: 0
For chemical emergency during transportation call INFOTRAC (US) 1-800-535-5053 (INT'L) 1-352-323-3500
Prepared by: Sapphire Scientific Date: 8/3/2010

Abbreviations:

n. av. = not available	n. ap. = not applicable	ppm = parts per million
mm Hg = millimeters of Mercury	PMCC = Pinsky Martens Closed Cup	TCC = Tagliabue Closed Cup
COC = Cleveland Open Cup	TWA = Time Weighted Average	STEL = Short Term Exposure Limit
LD = Lethal Dose	LC = Lethal Concentration	CS = centistokes

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