

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name	Sapphire Scientific General Purpose Spotter
Formula Code	W8.24.1
Supplier	Sapphire Scientific 2604 Liberator Prescott, AZ 86301 US Phone: 1-800 932-3030 Emergency: 1-800 535-5053

2. Hazards Identification

Threshold Limit Value - Product	None Established				
Primary Routes of Exposure:	Eye - yes	Skin-no	Oral-yes	Inhalation-no	Other
Signs and Symptoms of Over-exposure (Acute): Eyes: Contact with concentrate will irritate the eyes. Inhalation: almost no risk. Ingestion: the concentrate will be irritating Skin: almost no risk.					
Signs and Symptoms of Over-exposure (Chronic):					
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may be more susceptible to effects.					
Carcinogen or Suspect Carcinogen Ingredients:	NTP - NO	IARC - NO	OSHA - NO	NONE	

3. Composition / Information on Ingredients

Chemical Name/Common Name:	CAS NO.
Water	7732-18-5
Acrylic Detergent Polymer	unknown
Sodium Tripolyphosphate	9010-08-6

4. First Aid Measures

First aid procedures Eye contact

Eyes: Flush immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention immediately.
Skin: Flush skin with lots of water. Remove contaminated clothing & shoes; wash before reuse.
Ingestion: DO NOT INDUCE VOMITING If vomiting occurs spontaneously, keep victim's head below his hips to prevent his breathing vomitus into his lungs. Drink 1 to 8 glasses of water or milk to dilute. Call physician or poison control center immediately, treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person
Inhalation: Get to fresh air.

5. Fire Fighting Measures

Flash Point (T.C.C.):	none
Extinguishing Media:	CO2, Dry Chemical, Water spray
Special Fire Fighting Procedures:	none
Unusual Fire and Explosion Hazards:	NOTHING SPECIAL.

6. Accidental Release Measures

Steps to be Taken if Released or Spilled: For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain.
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

7. Handling and Storage

Precautions to be Taken in Handling and Storage: Do not mix chemicals. Keep container tightly closed when not in use

8. Exposure Controls/ Personal Protection

Respiratory Protection:	not normally required	Ventilation Requirements:	Adequate ventilation required.
Protective Gloves:	REQUIRED	Eye Protection:	REQUIRED.

9. Physical and Chemical Properties

Boiling Point:	(F) 212	Specific Gravity: (H2O = 1.0)	1.05	pH: 8.0 – 8.6
Vapor Pressure (mm/Hg)	Not Determined	Vapor Density:	Heavier than air	
Solubility In Water:	Complete			
Evaporation Rate (vs ether)	Slower			
Appearance and Odor:	Liquid, non-viscous, no odor			

10. Stability and Reactivity

Stability:	Stable
Incompatibility:	non-reactive.
Hazardous Decomposition Products:	none

Other Information

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date 4/12/2010

Effective date 4/12/2010

Expiry date 4/12/2013