

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name Sapphire Scientific Red Stain Remover
Formula Code W8.23.3
Supplier Sapphire Scientific
2604 Liberator
Prescott, AZ 86301 US
Phone: 800 932-3030 Emergency: 800 535-5053

2. Hazards Identification

Threshold Limit Value - Product (See Section 3 for Ingredient TLV)	None Established			
Primary Routes of Exposure:	Eye - yes	Skin-Skin Oral-yes	Inhalation-yes	Other
Signs and Symptoms of Over-exposure (Acute): EYES: Contact with concentrate will irritate the eyes. Inhalation: Overexposure to Glycol Ether PM may cause CNS symptoms. Ingestion: may include nausea, vomiting and diarrhea. NOTE: hydrogen peroxide is present at less than 5.0% active. This level is not classified as an oxidizer. SKIN: Hydrogen Peroxide at 5% may cause skin irritation				
Signs and Symptoms of Over-exposure (Chronic): In animals, Glycol Ether PM reports have shown effects on: Liver and kidney.				
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.	PERCENT	TLV (Source)
Water	7732-18-5		
Hydrogen Peroxide	7722-84-1	< 5	ACGIH TWA = 1 ppm
Propylene Glycol Methyl Ether	107-98-2	< 2	ACGIH TWA = 100 ppm
Alcohols, Ethoxylated	68439-46-3	< 1	
Amino tri (methylene phosphonic acid) pentasodium salt	20592-85-2	< 1	
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present			
This product may contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.			

4. First Aid Measures

Eyes: Flush immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.
Skin: Flush skin with water. Remove contaminated clothing & shoes. Wash before reuse.
Ingestion: DO NOT INDUCE VOMITING If vomiting occurs spontaneously, keep victim's head below the hips to prevent breathing vomitus into the 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.):	greater than 200F
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. Hydrogen Peroxide may be decomposed by adding sodium metabisulfite or sodium sulfite at or below 5%.

7. Handling and Storage

Precautions to be Taken in Handling and Storage: Do not mix chemicals. Keep container tightly closed when not in use.
NOTE: hydrogen peroxide is present at less than 5.0% active. This level is not classified as an oxidizer.

8. Exposure Controls/ Personal Protection

Respiratory Protection:	not normally required	Ventilation Requirements:	Adequate ventilation required.
Protective Gloves:	recommended.	Eye Protection:	recommended Required if used overhead or misting or spraying.

9. Physical and Chemical Properties

Boiling Point:	(F) 212	Specific Gravity: (H ₂ O = 1.0)	1.01	pH: greater than 3.0 -4.0
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 April 12, 2010

Expiry date April 12, 2013