

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
BERG GOLDEN/YELLOW TONING SOLUTION

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Berg Color-Tone, A Div. of Omega	Emergency Telephone Number 800-777-6634
Address (Number, Street, City, State, and ZIP Code) 1041 S. Carroll St. Hampstead, MD 21074	Telephone Number for Information 410-374-3250
	Date Prepared February 23, 2009
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Potassium Ferricyanide (PART B)				
CAS #13746-66-2				
Weight%: 0.5-5				
Hydrochloric acid (PART A)				
CAS# 7647-01-0				

Section III — Physical/Chemical Characteristics

Boiling Point 100°C (212°F) at 760mm Hg	Specific Gravity (H ₂ O = 1) n/a
Vapor Pressure (mm Hg) ca 18 mm Hg at 20°C	Melting Point n/a
Vapor Density (AIR = 1) n/a	Evaporation Rate (Butyl Acetate = 1) n/a
Solubility in Water Complete.	
Appearance and Odor Clear, yellow, odorless solution.	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) None.	Flammable Limits	LEL	UEL
Extinguishing Media n/a			
Special Fire Fighting Procedures Wear self-contained breathing apparatus to prevent contact with skin and eyes.			

Unusual Fire and Explosion Hazards

Fire or excessive heat may cause production of hazardous decomposition products.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)
PART A: Avoid bases.

Hazardous Decomposition or Byproducts
Cyanide, carbon monoxide, carbon dioxide. (PART B)

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
 YES YES YES

Health Hazards (Acute and Chronic) **Eyes: may cause eye irritation. Skin: repeated or prolonged skin contact may cause skin irritation. May be absorbed through the skin. Harmful if swallowed.**

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
Information unavailable.

Signs and Symptoms of Exposure
Irritation of skin or eyes; excitation; nausea

Medical Conditions Generally Aggravated by Exposure
none known

Emergency and First Aid Procedures
Eyes: immediately flush eyes with plenty of water and get medical attention. Ingestion: CALL PHYSICIAN AT ONCE. Skin: immediately wash skin with soap and plenty of water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Flush material to sewer with large amounts of water. Discharge, treatment, or disposal may be subject to federal, provincial, or municipal laws.

Waste Disposal Method
Flush material to sewer with large amounts of water. Discharge, treatment, or disposal may be subject to federal, provincial, or municipal laws.

Precautions to Be Taken in Handling and Storing
n/a

Other Precautions
n/a

Section VIII — Control Measures

Respiratory Protection (Specify Type)
none required.

Ventilation	Local Exhaust	Special
	Good general ventilation.	
	Mechanical (General)	Other

Protective Gloves Eye Protection
protective gloves should be worn safety glasses should be worn.

Other Protective Clothing or Equipment
Use print tongs if handling photographic prints.

Work/Hygienic Practices
wash up spills immediately with much water.