

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 BROWN/COPPER 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 <b>Berg Color-Tone, A Div. of Omega</b>	Emergency Telephone Number <b>800-777-6634</b>
Address (Number, Street, City, State, and ZIP Code) <b>1041 S. Carroll St. Hampstead, MD 21074</b>	Telephone Number for Information <b>410-374-3250</b>
	Date Prepared <b>February 23, 2009</b>
	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)
<b>Potassium Ferricyanide</b>				
<b>CAS #13746-66-2</b>				
<b>Weight%: 0.5-5</b>				

**Section III — Physical/Chemical Characteristics**

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

**Section IV — Fire and Explosion Hazard Data**

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

Unusual Fire and Explosion Hazards  
**Fire or excessive heat may cause production of hazardous decomposition products.**

(Reproduce locally)

**Section V — Reactivity Data**

Stability	Unstable	Conditions to Avoid
	Stable	

**Incompatibility (Materials to Avoid)**

None with common materials and contaminants with which the product may Hazardous Decomposition or Byproducts Reasonably come into contact.  
Cyanide, carbon monoxide, carbon dioxide.

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	

**Section VI — Health Hazard Data**

Route(s) of Entry: Inhalation? Low hazard Skin? Low hazard Ingestion? Yes

Health Hazards (Acute and Chronic)  
Inhalation: low hazard for usual industrial handling.

Eyes: may cause eye irritation. Skin: low hazard for usual industrial handling. Ingestion: Harmful, if swallowed.

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

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 Good general ventilation.	Special
	Mechanical (General)	Other

Protective Gloves Protective gloves should be worn. Eye Protection Safety glasses should be worn.

Other Protective Clothing or Equipment  
n/a

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