

Material Safety Data Sheet

U.S. Department of Labor



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

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY <i>(As Used on Label and List)</i> 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.
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Section I

Manufacturer's Name BERG COLOR-TONE, A DIV OF OMEGA	Emergency Telephone Number 800-777-6634
Address <i>(Number, Street, City, State, and ZIP Code)</i> 626 HANOVER PIKE, HAMPSTEAD, MD 21074	Telephone Number for Information 410-374-3250
	Date Prepared 01/01/16
	Signature of Preparer <i>(optional)</i>

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
POSTASSIUM FERRICYANIDE CAS #13746-66-2 WEIGHT%: 0.5-5				
CLEAR, YELLOW, ODORLESS SOLUTION				

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			

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 W/ SKIN & 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 (<i>Materials to Avoid</i>) NONE WITH COMMON MATERIALS & CONTAMINANTS W/ WHICH THE PRODUCT MAY REASONABLY COME INTO CONTACT.			
Hazardous Decomposition or Byproducts CYANIDE, CARBON MONOXIDE, CARBON DIOXIDE			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? LOW HAZARD	Skin? LOW HAZARD	Ingestion? YES
Health Hazards (<i>Acute and Chronic</i>) INHALATION: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING. EYES: MAY CAUSE EYE IRRITATION. SKIN: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING. INGESTION: HARMFUL IF SWALLOWED.			
Carcinogenicity: INFO 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 WATER AND GET MEDICAL ATTENTION. SKIN: IMMEDIATELY WASH SKIN WITH SOAP AND WATER. INGESTION: CALL PHYSICIAN AT ONCE.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
FLUSH MATERIAL TO SEWER WITH WATER. DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, PROVINCIAL OR MUNICIPAL LAWS.

Waste Disposal Method
FLUSH MATERIAL TO SEWER WITH 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 (<i>General</i>)	Other

Protective Gloves PROTECTIVE GLOVES SHOULD BE WORN.	Eye Protection SAFETY GLASSES SHOULD BE WORN.
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Other Protective Clothing or Equipment
N/A

Work/Hygienic Practices
WASH UP SPILLS IMMEDIATELY WITH WATER.

* U.S.G.P.O.: 1986 - 491 - 529/45775

(Reproduce locally)

OSHA 174, Sept. 1985