

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 (As Used on Label and List) SELENIUM 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 (Number, Street, City, State, and ZIP Code) 626 HANOVER PIKE, HAMPSTEAD, MS 21074	Telephone Number for Information 410-374-3250
	Date Prepared 01-01-16
	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)
AMMONIUM SELENOSULFATE				
CLEAR, COLORLESS SOLUTION. CHARACTERISTIC AMMONIA ODOR				
pH: ~9.0				
NO TOXICITY DATA AVAILABLE				

Section III - Physical/Chemical Characteristics

Boiling Point AT 700mm Hg	100°C	Specific Gravity (H ₂ O = 1)	1.32
Vapor Pressure (mm Hg) AT 20°C ca	18mm Hg	Melting Point Not applicable	
Vapor Density (AIR = 1)	0.6	Evaporation Rate (Butyl Acetate = 1) Not applicable	
Solubility in Water COMPLETE			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NONE	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING TO PREVENT CONTACT W/ EYES OR SKIN.			
Unusual Fire and Explosion Hazards HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED CAUSED BY FIRE OR EXCESSIVE HEAT.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) STRONG ACIDS, BASES			
Hazardous Decomposition or Byproducts AMMONIA & SULFUR 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? YES	Ingestion? YES
Health Hazards (<i>Acute and Chronic</i>) 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: 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- FLUH EYES IMMEDIATELY WITH WATER. SKIN- WASH WELL INGESTION- IF SWALLOWED, (AND CONSCIOUS) INDUCE VOMITING IMMEDIATELY BY GIVING 1-2 GLASSES OF WATER & TOUCHING BACK OF THROAT WITH FINGER. CALL PHYSCIAN AT ONCE.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

FLUSH MATERIAL TO AN ACID-FREE SEWER WITH WATER. DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS.

Waste Disposal Method

DISCHARGE IN A SOLUTION WITH WATER TO A FINAL CONCENTRATION OF 2.0 mg/L OR LESS. NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.

Precautions to Be taken in Handling and Storing

USE RUBBER OR PLASTIC GLOVES WHEN HANDLING. SAFETY GLASSES SHOULD BE WORN.

Other Precautions

AVOID CONTACT WITH ACIDS & BASES.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

N/A FOR THIS SOLUTION

Ventilation	Local Exhaust USE IN WELL-VENTILATED ROOM	Special
	Mechanical (<i>General</i>)	Other

Protective Gloves RUBBER OR PLASTIC GLOVES	Eye Protection SAFETY GLASSES
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Other Protective Clothing or Equipment

NOT REQUIRED

Work/Hygienic Practices

WASH UP SPILLS IMMEDIATELY WITH WATER.

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

(Reproduce locally)

OSHA 174, Sept. 1985