

Material Safety Data Sheets



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I. Chemical Product Identification	
MANUFACTURE'S NAME:	
ADDRESS:	
EMERGENCY TELEPHONE NO.:	
TRADE NAME:	
SYNONYMS:	
WHMIS CLASSIFICATION:	

II. Hazardous Ingredients & Toxicity			
Material or Component:	%	CAS #:	Toxicity Data LD ₅₀ LC ₅₀ , Species:
CITRIC ACID			
Copper (II) Sulfate			
Water			

III. Health Hazard Information	
Potential Acute Health Effects:	
INHALATION	
SKIN	
EYE CONTACT	
INGESTION	
Potential Chronic Health Effects	
Carcinogenic Effects	
Mutagenic Effects	
Teratogenic Effects	
Developmental Toxicity	

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IV. First Aid Measures	
Eye Contact	
Skin Contact	
Hazardous Skin Contact	
Inhalation	
Hazardous Inhalation	
Ingestion	
Hazardous Ingestion	

V. Fire and Explosion Data	
The Product Is:	
Auto-Ignition Temperature	
Flash Points	
Flammable Limits	
Products of Combustion	
Fire Hazards in Presence of Various Substances	
Explosion Hazards in Presence of Various	
Fire Fighting Media and Instructions	
Special Remarks on Fire Hazards	

VI. Accidental Release Measures	
Small Spill	
Large Spill	

VII. Handling and Storage	
Precautions	
Storage	

VIII. Exposure Controls/Personal Protection	
Engineering Controls	
Personal Protection	
Personal Protection in Case of a Large Spill	
Exposure Limits	

IX. Physical And Chemical Properties	
Physical State and Appearance	
pH (1% Soln/water)	
Boiling Point	
Melting Point	
Critical Temperature	
Specific Gravity	
Vapor Pressure	
Vapor Density	
Volatility	
Odor Threshold	
Evaporation rate	
Viscosity	
Water/Oil Dist.	
Ionicity (in Water)	
Dispersion Properties	
Solubility	

X. Stability and Reactivity Data	
Stability	
Instability Temperature	
Conditions of Instability	
Incompatibility with various substances	
Corrosivity	
Special Remarks on Reactivity	
Special Remarks on Corrosivity	
Hazardous Polymerization	

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XI: Toxicological Information	
Routes of Entry	
Toxicity to Animals	
Chronic Effects on Humans	
Other Toxic Effects on Humans	
Special Remarks on Toxicity to Animals	
Special Remarks on Chronic Effects on Humans	
Special remarks on other Toxic Effects on Humans	

XII: Ecological Information	
Ecotoxicity	
BOD5 and COD	
Products of Biodegradation	
Toxicity of the Products of Biodegradation	
Special Remarks on the Products of Biodegradation	

XIII: Disposal Considerations	
Waste Disposal	

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XIV: Transportation Information	
TDG Classification	
Shipping name	
PIN	
Packing Group	
Special Provisions for Transport	

XV: Other Regulatory Information	
Other Regulations	

XVI: Other Information	
References	
Other Special Considerations	

PRODUCED BY:	DATE:	ADDRESS:

NOTICE TO READER

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