

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) Metron Aquaclean Ink	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 Metron Marker, Division of	Emergency Telephone Number 858-755-4477
Address (Number, Street, METRON OPTICS, Inc.	Emergency Telephone Number 858-755-4752
809 Academy Drive	Date Prepared (mm-dd-yy) 01-15-94 — Rev.01-2024
Solana Beach, CA 92075—USA	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)
Isopropanol CAS 67-63-0	400ppm	400ppm	-	
Polysulfonic Acid CAS 27119-0709	None	None	-	
Water CAS 7732-18-5	None	None	-	

SECTION III —Physical/Chemical Characteristics

Boiling Point	82°C	Specific Gravity (H ₂ O = 1)	1
Vapor Pressure (mm)	33@20°C	Melting Point	N/A
Vapor Density (AIR = 1)	2.07	Evaporation Rate (Butyl Acetate = 1)	2.88
Solubility in Water	Dilutable		
Appearance and Odor	Cream-like liquid, various colors, mild alcohol odor		

SECTION IV—Fire and Explosion Hazard Data

Flash Point (Method Used) 63°F TOC	Flammable Limits	LEL	2	UEL	12.7
Extinguishing Media	Carbon dioxide, dry chemical				
Special Fire Fighting Procedures	None				
Unusual Fire and Explosion Hazards	None				

SECTION V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A
Incompatibility (<i>Materials to Avoid</i>)		Strong oxidizing agents	
Hazardous Decomposition or Byproducts		CO, CO2 may be released upon burning	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	N/A

SECTION VI —Health Hazard Data

Route(s) of Entry:	<u>Inhalation?</u>	Skin?	Ingestion?
Health Hazards (<i>Acute and Chronic</i>)	Ingestion: Possible nausea. Not applicable in normal usage when ink is in marking pens		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure	Possible nausea if ingested in quantity. Not applicable in normal usage when ink is in marking pens		
Medical Conditions Generally Aggravated by Exposure	None known		
Emergency and First Aid Procedures	Eye contact: Flush with water. Call a physician. Ingestion: Do not induce vomiting. Get medical attention.		

SECTION VII —Precautions for Safe Handling and Use

Step to Be Taken in Case Material is Released or Spilled	Wipe up and discard.
Waste Disposal Method	Dispose in accordance with federal, state, and local regulations.
Precautions to Be Taken in Handling and Storing	Do not expose to extreme heat.
Other Precautions	N/A

SECTION VIII —Control Measures

Respiratory Protection (<i>Specify Type</i>)	N/A		
Ventilation	Local Exhaust	N/A	Special N/A
	Mechanical (<i>General</i>)	N/A	Other N/A
Protective Gloves	N/A	Eye Protection	No special requirements
Other Protective Clothing or Equipment	N/A		
Work/Hygienic Practices	N/A		