

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 | <i>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.</i> |
|---|-----------------------------|--|

| | |
|----------------------------------|-----------------------------------|
| Section I | |
| Manufacturer's Name | Metron Marker, Division of |
| Address (Number, Street, | METRON OPTICS, Inc. |
| | 809 Academy Drive |
| | Solana Beach, CA 92075—USA |
| Emergency Telephone Number | 858-755-4477 |
| Emergency Telephone Number | 858-755-4752 |
| Date Prepared (mm-dd-yy) | 01-15-94 — Rev.01-2021 |
| 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 | - | |
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SECTION III —Physical/Chemical Characteristics

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|-------------------------|---|---|-------------|
| 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 | |