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**MATERIAL SAFETY DATA SHEET (MSDS)****MERCURIC II SULPHIDE (RED) LR****1. PRODUCT IDENTIFICATION**

**Synonyms:** C.I., 42585 BASIC BLUE 20

**CAS No.:** 7114-03-6

Product Coad: M0136700025

**Molecular Weight:** 458.5 + 136.3

**Chemical Formula:**  $C_{26}H_{33}Cl_2N_3ZnCl_2$

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient: Methyl Green

CAS No: 7114-03-6

Percent: 80 - 100%

**3. HAZARDS IDENTIFICATION**

Route Of Entry Inds - Inhalation: NO Skin: NO Ingestion: NO

Carcinogenicity Inds - NTP: NO IARC: NO OSHA: NO

Health Hazards Acute And Chronic: N/K

Explanation of Carcinogenicity: NONE

Signs and Symptoms of Overexposure: N/K

Medical Conditions Aggravated by Overexposure: N/K

**4. FIRST AID MEASURES**

INHALATION: REMOVE TO FRESH AIR. INGESTION: GIVE WATER TO DRINK. SKIN: WASH W/SOAP & WATER. EYES: WASH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES

**5. FIRE FIGHTING MEASURES**

Flash Point Text: N/K

Auto Ignition Temperature Text:

Lower Limits: N/K Upper Limits: N/K

Extinguishing Media: APPROPRIATE FOR SURROUNDING FIRE

Fire Fighting Procedures: WEAR SCBA & FULL PROTECTIVE CLOTHING

Unusal Fire/Explosion Hazard: N/K

**6. ACCIDENTAL RELEASE MEASURES**

Spill Release Procedures: VENTILATE AREA. SWEEP UP & CONTAINERIZE. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL. WEAR PROTECTIVE EQUIPMENT.

Neutralizing Agent: N/K

Waste Disposal Methods: WHATEVER CAN'T BE RECLAIMED, DISPOSE I/AW LOCAL, STATE & FEDERAL REGULATIONS

**7. HANDLING AND STORAGE**

KEEP IN TIGHTLY CLOSED CONTAINER. STORE IN COOL, DRY, WELL VENTIALTED AREA

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: DUST/MIST RESPIRATOR WHERE EXPOSURE TO DUST IS APPARENT.

Ventilation: LOCAL EXHAUST WHICH CAPURES THE CONTAMINANT AT IT'S SOURCE.

Protective Gloves: REQUIRED

Eye Protection: CHEMICAL SAFETY GOGGLES.

Other Equipment: LAB COAT, APRON, COVERALLS.

Work Hygenic Practices: LAB COAT, APRON, COVERALLS.

Supplemental Safety & Health: N/K

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**MATERIAL SAFETY DATA SHEET (MSDS)****MERCURIC II SULPHIDE (RED) LR****9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** BRONZY CRYSTALS.

**Boiling Point:** N/K

**Melting/Freezing Point:** N/K

**Decomposition Temp:** N/K

**Vapor Pressure:** N/K **Vapor Density:** N/K

**Specific Gravity:** N/K

**PH:** N/K

**Solubility in Water:** COMPLETE

**Percent Volatiles by Volume:** N/K **Corrosion Rate:** N/K

**10. STABILITY AND REACTIVITY**

**Stability Indicator:** YES

**Stability Conditions to Avoid:** HEAT

**Materials to Avoid:** N/K

**Hazardous Decomposition Products:** OXIDES OF CARBON, HYDROGEN CHLORIDE GAS, NITROGEN OXIDES

**Hazardous Polymerization Products:** NO

**Conditions to Avoid Polymerization:** N/K

**11. TOXICOLOGICAL INFORMATION**

N/P

**12. ECOLOGICAL INFORMATION**

N/P

**13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**14. TRANSPORT INFORMATION**

Not regulated.

**15. REGULATORY INFORMATION**

**SARA Title III:** N/P

**Federal Regulatory:** N/P

**16. OTHER INFORMATION**

**Label Hazard Warning:** CAUTION! MAY CAUSE IRRITATION.

**Label Precautions:** Avoid contact with eyes, skin, and clothing. Keep in tightly closed container. Wash thoroughly after handling.

**Label First Aid:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes.

**Product Use:** The dye is used as a Biological stain in microscopy and also as a catalyst for the electro-deposition of copper in the electronic and automotive industry

**MATERIAL SAFETY DATA SHEET (MSDS)**

**MERCURIC II SULPHIDE (RED) LR**

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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