

SAFETY DATA SHEET

UAB An Group Export
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Product Name: Red Mercury Oxide (Mercury(II) Oxide - Red)
CAS Number: 21908-53-2
Revision Date: April 2026
SDS ID: UAB-SDS-RMO-2026

SECTION 1: IDENTIFICATION

Chemical Name: Mercury(II) Oxide Red

Recommended Use: Laboratory reagent, industrial chemical processing, and material oxidation.

Supplier: UAB An Group Export

SECTION 2: HAZARD IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008:

- Acute Toxicity, Oral (Category 2)
- Acute Toxicity, Dermal (Category 1)
- Acute Toxicity, Inhalation (Category 2)
- Reproductive Toxicity (Category 1B)
- STOT Repeated Exposure (Category 1)
- Aquatic Acute/Chronic (Category 1)

Signal Word: **DANGER**

Hazard Statements: H300+H310+H330: Fatal if swallowed, in contact with skin or if inhaled. H360D: May damage the unborn child. H372: Causes damage to organs through prolonged or repeated exposure.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Purity
Red Mercury Oxide	21908-53-2	99.0% +

SECTION 4: FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek immediate medical attention.

Skin Contact: Immediately wash with plenty of soap and water. Seek urgent medical advice.

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Consult a physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call emergency medical services immediately.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical State	Solid (Crystalline Powder)
Color	Bright Red / Orange-Red
Molar Mass	216.59 g/mol
Density	11.14 g/cm ³
UN Number	UN 1641

SECTION 14: TRANSPORT INFORMATION

UN Number: 1641

Shipping Name: Mercury Oxide

Transport Hazard Class: 6.1 (Toxic)

Packing Group: II

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication. UAB An Group Export assumes no liability resulting from its use.