

SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr.
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USA Toll Free 800-231-5663

DATE PREPARED: 2/6/2024

REVISION: 3

1. IDENTIFICATION

Product Number: 5036

Product identifier used on the label: o-Dianisidine

Other means of identification:

Component Name	Component Number
o-Dianisidine	5036

Recommended use of the chemical and restrictions in use: For In-Vitro Diagnostic use.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Helena Laboratories
1530 Lindbergh Dr.
Beaumont, TX 77707
Tel: (409) 842-3714
USE Toll Free 800-231-5663

Emergency phone number:

(409) 842-3714

2. HAZARD IDENTIFICATION

Classification of the chemical:

Component Name	GHS Classification	Hazard Statement
o-Dianisidine	Acute Toxicity, Oral (Category 4) Cancirogenicity (Category 1B)	Harmful if swallowed May cause cancer

Label elements:

Signal word: Danger

Precautionary statements: Harmful if swallowed. May cause cancer.

Wear protective gloves/protective clothing/eye and face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	Chemical Name	CAS #	Concentration
o-Dianisidine	o-Dianisidine	119-90-4	≤100%

4. FIRST AID MEASURES

Description of first aid measures:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact: Wash off with soap and plenty of water. Consult a physician.

Eye contact: Flush eyes with water as a precaution.

Ingestion: If swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide or alcohol resistant foam.

Special hazards arising from the substance or mixture: Carbon oxide, nitrogen oxides.

Special protective equipment and precautions for firefighters: Wear proper protective equipment and self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear protective equipment.

Methods and materials for containment and cleaning up: Pick up and transfer to container for proper disposal. Do not let product enter the drains.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment, avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities: Store as per specified instructions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (ACGIH TLV & OSHA PEL):

Chemical Name	ACGIH TLV	OSHA PEL
o-Dianisidine	None listed	None listed

Exposure controls:

Respiratory protection: NIOSH/MSHA approved.

Skin protection: Wear appropriate protective gloves and suitable protective clothing.

Eye protection: Wear appropriate safety glasses or goggles.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Lipoprotein Stain

Appearance: Gray crystalline

Odor: No data available

Odor threshold: No data available

pH: No data available

Melting point/Freezing point: 137-138°C (279-280°F)

Initial boiling point and range: No data available

Flash point: 206°C (403°F)

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available

Relative density: No data available

Solubility in water: No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical stability: Stable under recommended storage condition.

Possibility of hazard reaction: No data available

Conditions to avoid: No data available.

Incompatible materials: Strong oxidizing agents.

Hazard decomposition products: Hazard decomposition products formed under fire conditions:
Carbon oxides, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

LD50 Oral – Rat – 1920 mg/kg

Potential health effects:

Skin: No data available.

Eye: No data available.

Ingestion: Harmful if swallowed

Inhalation: May be harmful if inhaled.

Carcinogenicity: This is or contains a component that has been reported to be carcinogenic based on its ACGIH, IARC, OSHA, NTP or EPA classification.

Possible human carcinogen.

12. ECOLOGICAL INFORMATION

Eco-toxicity: No data available

Persistence and degradability: No data available

Bio-accumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATION

Observe all federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (US): Regulated as hazardous material during transportation.

UN number:

UN proper shipping name:

Transport hazard class:

Packing group:

15. REGULATORY INFORMATION

US State Right to Know Laws:

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

16. OTHER INFORMATION

SDS Creation date: 9/14/2015

Revision #: 3

Disclaimer

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Helena Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.