

## MATERIAL SAFETY DATA SHEET

### Section 1: Identification of the substances/mixtures and of the company/undertaking

#### A. Product Information-

**Product Name: Gordon-McLeod Reagent (Oxidase Reagent)**

**Product Code No.:BA101**

**REACH registration no.** - This product is a mixture. REACH registration no.is not available for this product

**B. Relevant identified uses of the substance/mixture and uses advised against-**  
Relevant identified uses- For Institutional/Industrial and laboratory use. For *in-vitro* diagnosis. Not for medicinal /Drug use.

#### C. Manufacturer's Name:

BIOMARK LABORATORIES  
135/1, DALVI WADI, DHAIRI,  
Pune - 411 041. INDIA

**Tel. No. :** (91)-8459755093,

**E-mail:** biomarklabs@gmail.com

**Date of revision:** November 2025

### Section 2: Composition/Information on Ingredients

**This mixture is not classified as hazardous.**

**Formula**

**Formula**

**Reagents:**

N,N,N-N-Tetra methyl-P-phenylene diamine hydrochloride	1.00 g
Ascorbic acid	1.00 g
Distilled water	100.00 ml

Irritant material

Hazardous Component	CAS-No.	Hazard Symbol	Risk Phrases	Safety Phrases
N' N' Dimethyl-p-phenelenediaminedihydrochloride	536-46-9	Toxic	R 23/24/25-36/37/38	S 36-37-38-45

### Section 3: Health Hazards Identification

Refer Section 2 and 15.

### Section 4: First Aid Measures

**General Information:** No special measures required.

**Ingestion:** If swallowed, seek medical attention if symptoms occur. Show physician product label or MSDS.

**Inhalation:** If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult

## **MATERIAL SAFETY DATA SHEET**

**Eye Contact:** Rinse opened eye for at least 15 minutes under running water, lifting lower and up eyelids occasionally. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if irritation develops.

### **Section 5: Fire Fighting Measures**

Use Carbon dioxide, ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### **Section 6: Accidental Release Measures**

**Personal Precautions:** Wear suitable protective clothing. Remove contaminated exhaustion at the workplace.

**Environmental Precautions:** Prevent dispersion of material. Wipe up with damp sponge or mop.

**Clean-up Methods:** Avoid prolonged or repeated exposure. Absorb material, ventilate area, and wash spill site after material has been cleaned up. Avoid inhalation, contact with eyes and skin. Prevent formation of dust.

### **Section 7: Handling and Storage**

**Handling:** Refer to Section 8

**Storage:** Store below 30°C.

### **Section 8: Exposure Controls/ Personal Protection**

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

### **Section 9: Physical and Chemical Properties**

**Appearance:** Liquid

**Colour:** Dark amber

### **Section 10: Stability and Reactivity**

**Stability:** Stable under recommended storage and handling conditions

**Conditions to avoid:** Exposure to heat and light.

### **Section 11: Toxicological Information**

**LD/LC50 values that are relevant:** N/A

**Carcinogenicity:** Not listed.

### **Section 12: Ecological Information**

## **MATERIAL SAFETY DATA SHEET**

**Ecotoxicity Tests:** No specific data available.

### **Section 13: Disposal Considerations**

**Disposal consideration:** Non- hazardous waste. Dispose of according to all federal, state and local applicable regulations.

**Container information:** Containers should be cleaned by appropriate methods and then reused or disposed of by landfill or incineration as applicable.

### **Section 14: Transport Information**

#### **14.1 UN number**

ADR/RID: - IMDG: - IATA: -

#### **14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### **14.3 Transport hazard class(es)**

ADR/RID: - IMDG: - IATA: -

#### **14.4 Packaging group**

ADR/RID: - IMDG: - IATA: -

#### **14.5 Environmental hazards**

ADR/RID: no IMDG Marine pollutant: no IATA: no

#### **14.6 Special precautions for user-no**

#### **Further information**

Not classified as dangerous in the meaning of transport regulations.

### **Section 15: Regulatory Information**

#### **Risk Phrases:**

R 23/24/25, Toxic by inhalation, in contact with skin and if swallowed

R36/37/38, Irritating to eyes, respiratory system and skin.

#### **Safety Phrases:**

S36, Wear suitable protective clothing.

S37, Wear suitable gloves.

S38, In case of insufficient ventilation, wear suitable respiratory equipment.

S 45, In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

### **Section 16: Other Information**

Information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or

**BIOMARK Laboratories-INDIA**

[www.biomarklabs.com](http://www.biomarklabs.com)

## **MATERIAL SAFETY DATA SHEET**

accuracy of this information. Users of this material should satisfy themselves by independent investigation of current scientific or medical information that this material may be safely handled.