

MATERIAL SAFETY DATA SHEET

Calibrator For Clinical Chemistry

I. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	Calibrator For Clinical Chemistry
Catalogue Number	448 01 003 1 x 3 ml 448 05 003 5 x 3 ml
Description/Intended use	Spectrum Diagnostics SP-Normotrol is intended for the Laboratory uses
Name of the Company with Address and Tel No.	Egypt Spectrum For Diagnostics Industries - Free Zone Ismailia Free Zone , Block 5. Cairo- Port said Avenue. Ismailia, Egypt Tel: +2 064 3488 013 - +2 064 3488 014 Fax: +2 064 3488 015 www.sdi-fz.com

II. COMPOSITION/HAZARDOUS COMPONENTS

Lyophilized Calibration serum

III. HAZARD IDENTIFICATION

Primary routes of entry	Inhalation, ingestion and/or eye contact
Inhalation	Inhalation of vapours, mists or sprays of these components may irritate the nose, throat and lungs.
Ingestion	Ingestion of this product especially in large quantities may cause gastric distress. Symptoms may include nausea, vomiting or diarrhoea.
Eye contact	Contact with eyes may develop mild irritation.

IV. FIRST AID MEASURES

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion	Get medical attention if there has been ingestion of this product.
Eye/Skin contact:	Immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Assure adequate flushing of the eyes by separating the eyelids with fingers.

V. FIRE FIGHTING MEASURES

Extinguishing media	Carbon dioxide, dry chemical powder or polymer foam.
Firefighting procedures	Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

VI. ACCIDENTAL RELEASE MEASURES

Use an absorbent material to contain or pick up the spilled solution. Place the spill residue in a container, seal label and hold for disposal. Use laboratory gloves, chemical resistant aprons, boots, and splash goggles for safety.

VII. HANDLING AND STORAGE

When used in accordance with the Principles of Good Laboratory Practice, Good Standards of Occupational Hygiene and the instructions stated in the product insert, these products are not considered to present a hazard to health. Store between 2 to 8° C. For In vitro Diagnostic use only. Not for medicinal use.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
Ventillation data	Local exhaust ventilation is generally preferred to control emissions of the contaminant at its source.
Respiratory protection	Not required under normal use of this product.
Other protective equipment	Wear appropriate gloves and body apparatus and masks to prevent skin and eye contact.

IX. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Lyophilized
Odour	None known
Solubility in water	Soluble
Melting point	Not applicable
Flash point	Not applicable
Flammable limits (LEL & UEL)	Not applicable

X. STABILITY AND REACTIVITY	
Materials to avoid	Strong bases, strong acids and water reactive materials
Hazardous decomposition products	Thermal decomposition may produce carbon monoxide and carbon dioxide

XI. TOXICOLOGICAL INFORMATION	
Organ effects	Eyes (redness), Central Nervous System(nausea/vomitting), cardiovascular systems(fall in blood pressure, change in heart rate), Digestive(nausea/vomitting/diarrhoea).
Carcinogenicity	No

XII. ECOLOGICAL INFORMATION	
Environmental fate/stability, effect on plants, animals or aquatic life	Not applicable

XIII. DISPOSAL CONSIDERATIONS	
Waste disposal method	Remains of samples, reagents and controls should be collected in a recipient for this purpose and autoclaved for 1 hour at 121°C.
Liquid disposal	Flush drains with excess water thoroughly after disposing of liquid.

XIV. TRANSPORT INFORMATION	
Not regulated under transport regulations	

XV. REGULATORY INFORMATION	
Not applicable	

XVI. OTHER INFORMATION	
Not applicable	

The above information is believed to be correct , but does not purpose to be all inclusive and should be used only as a guide. The manufacturer shall not be held responsible for any damage resulting from handling or use of the product.

XVII. Shipping instructions

UN Number: None allocated.

Proper Shipping Name: None allocated.

Dangerous Goods Class: None allocated.

Subsidiary risk: None allocated.

Packing Group: None allocated.

Hazchem Code: None allocated.

Road and Rail Transport:

Not classified as a Dangerous Good according to the United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the Classification and Labeling of Chemicals.

Air Transport:

Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Marine Transport:

Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

XVIII. Approved disposal agent

Refer to appropriate authority in your State. Normally suitable for disposal by approved waste disposal agent.

The above information is believed to be correct , but does not purpose to be all inclusive and should be used only as a guide. The manufacturer shall not be held responsible for any damage resulting from handling or use of the product.