



SAFETY DATA SHEET

Version 3.2 12/1/2022

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NEUROLITE® Vial B (For the Preparation of Technetium Tc-99m Bicisate for Injection)

Synonyms Sodium Phosphate, Monobasic and Dibasic; Sodium Phosphate Buffer; Rinsing Buffer; Phosphate Buffer; Kit for the Preparation of Technetium Tc99m Bicisate for Injection

Product Uses This material is used as a medical imaging agent. It is combined with a radioactive material to form the solution for administration to the patient.

COMPANY IDENTIFICATION: **Lantheus**
331 Treble Cove Road
Billerica, MA 01862
United States of America
1-800-299-3431

EMERGENCY PHONE: **CHEMTREC 1-800-424-9300.**
For International Transportation Emergencies Call
CHEMTREC @ 1-703-527-3887.
Collect Calls are accepted

SECTION 2: HAZARDS IDENTIFICATION

Classification

This material is not considered hazardous under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

None required

Hazards not otherwise classified (HNOC)

None identified

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Component	Concentration	CAS
Water	>98%	7732-18-5
Disodium Phosphate Heptahydrate	<1%	7782-85-6
Sodium Phosphate Monobasic	<1%	10049-21-5

SECTION 4: FIRST AID MEASURES**Eye contact**

Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention if symptoms occur.

Skin contact

Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention if symptoms occur.

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Obtain medical attention if symptoms occur.

Ingestion

Do not induce vomiting. Obtain medical attention if symptoms occur.

Note to Physicians

This material is used as a medical imaging agent. It is combined with a radioactive material to form the solution for administration to the patient.

SECTION 5: FIRE-FIGHTING MEASURES**Flammable Properties**

Material is an aqueous solution. Not expected to be flammable.

Suitable Extinguishing Media

Use agent most appropriate to extinguish surrounding fire.

Protection of Firefighters

In the event of fire, wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precaution

Use personal protective equipment as required. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing

Environmental Precautions

Avoid release to the environment

Methods for Containment and Clean Up

Soak up with inert absorbent material. Keep in suitable, closed container for disposal.

SECTION 7: HANDLING AND STORAGE

Handling Precautions

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.

Storage Conditions

Store at room temperature. Protect against light. Keep away from heat, sparks and flames.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit(s)

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls and Ventilation

Ensure adequate ventilation, especially in confined areas. Ensure that eye wash stations and safety showers are close to the workstation location.

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye/Face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133

Skin and Body Protection

Wear appropriate protective gloves and clothing to prevent skin exposure

Hygiene Measures

Wash hands and face before breaks and immediately after handling the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Colorless
Odor	Not Available
pH	7.2-8
Molecular Weight	Not Available
Solubility	Not Available
Flashpoint	>200F
Density	Not Available
Boiling Point	Not Available
Melting Point	Not Available
Melting Point	Not Available
Vapor Density	Not Available
Vapor Pressure	Not Available

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Not Available
Incompatible Products	Not Available
Hazardous Decomposition Products	None under normal use conditions
Hazardous Reactions	None under normal processing

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry	Ingestion, Inhalation, Eye Contact, Skin Contact
Eye Irritation	Not Available
Skin Irritation	Not Available
Respiratory Irritation	Not Available
Sensitization	Not Available
Acute Toxicity	Not Available
Repeated Dose Toxicity	Not Available
Genetic Toxicity	Not Available
Carcinogenicity	Not Available



Reproductive Toxicity	Not Available
Developmental Toxicity	Not Available
Human Experience	Not Available
Target Organs	Not Available
Symptoms	Not Available
Other Toxicity Information	Not Available

Section 12: ECOLOGICAL INFORMATION

Environmental Fate:	Not Available
Environmental Toxicity:	Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Advice on Disposal and Packaging

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

SECTION 14: TRANSPORT INFORMATION

DOT
Not Regulated

IATA
Not Regulated

SECTION 15: REGULATORY INFORMATION

United States of America

OSHA Hazard Classification	Not applicable
313 Toxic Release Inventory.	No components listed on the SARA 313 inventory.
TSCA Inventory	Not listed. Food, drug and cosmetic products are exempt from TSCA.

International

Canada



WHMIS
DSL/NDSL

Product is not according to Control Products Regulations.
Not Listed

Mexico

Health classification - Minimal hazard - 0 - Substances that do not pose a hazard under emergency conditions other than that of ordinary combustible materials.

Europe

EINECS/ELINCS Number Water: 231-791-2

Other Information: Medicinal products are exempt from classification and labeling requirements under EU Preparations Directive 1999/45/EC.

SECTION 16: OTHER INFORMATION

SDS preparation information

Prepared by Environment, Health and Safety 1-978-671-8673

Prepared on 12/1/2022

The information contained in this SDS is believed to be accurate and represents the best information reasonably available at the time of preparation. However, we make no warranty, express or implied, with respect to such information and we assume no liability from its use.