

*CD Feldsine*

## SECTION I - PRODUCT MANUFACTURER

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## SECTION II - COMPOSITION

The kit consists of one luminescent and one non-luminescent calibrator. The luminescent calibrator consists of a  $^{14}\text{C}$ -benzoate source that emits a constant but very low level (0.225 microcuries) of low energy beta radiation.

The non-luminescent calibrator is simply a stainless steel rod which provides a "dark", low-end reading in the luminometer.

## SECTION III - HAZARDS

Not hazardous-(The energy level emitted is less than the radioactive component of a common household smoke detector.)

## SECTION IV - FIRST AID

In the event that the luminescent rod breaks, wash hands thoroughly.

## SECTION V - FIRE FIGHTING MEASURES

Use extinguishing media appropriate for the surrounding fire.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

### Spill/Leak procedures:

In the event that the luminescent rod breaks, sweep up all material, remove the Radioactive Caution label and dispose of with the lab trash.

### Waste Management/Disposal:

The low level nature of the materials used is accentuated by the fact that disposal requirements (in the US and Canada) are simply to remove or deface the Radioactive Caution symbol and dispose of as common trash.

## SECTION VII - STORAGE AND HANDLING

- a) Handling: Established general laboratory safety measures should be observed.
- b) Storage: Store at 15-25°C in the container provided. Keep lid closed.

## SECTION VIII - EXPOSURE CONTROLS

Good housekeeping procedures and laboratory practice are the best preventative.

**Skin contact:** Wash thoroughly with water.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Acrylic or stainless steel rods
Odor:	Not applicable
pH:	Not applicable
Boiling Point:	Not applicable
Melting Point:	Not applicable
Flash Point:	Not applicable
Auto Ignition:	Not applicable
Explosive Properties:	Not applicable
Oxidizing Properties:	Not applicable
Vapor Pressure:	Not applicable
Relative Density:	Not applicable
Water solubility:	Not applicable

**SECTION X - STABILITY AND REACTIVITY**

The material is supplied in stable condition. Refer to expiration date on product packaging.

**SECTION XI - TOXICOLOGY INFORMATION**

Not applicable

**SECTION XII - ECOLOGICAL INFORMATION**

No data available

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Accumulated waste and residues should be disposed of in accordance with local and national regulations.

**SECTION XIV - TRANSPORT INFORMATION**

Not applicable

**SECTION XV - REGULATORY INFORMATION**

The calibrators are considered exempt material from the U.S. Nuclear Regulatory Commission and require no additional licensing for handling or distribution. The calibrators do not require an MSDS as outlined by the OSHA Hazard Communication Standard-29CFR1910.1200.

**SECTION XVI - OTHER INFORMATION**

Product is designed for in-vitro diagnostic use only.

NOTICE: BioControl believes the information contained herein is valid and accurate. BioControl makes no warranty or representation as to its validity, accuracy, or currency. BioControl shall not be liable or otherwise responsible in any way for use of this information. Disposal of hazardous material may be subject to International, Federal, State, or Local laws or regulations.