

## **SAFETY DATA SHEET**

(According to EEC Directive 91/155/EEC and amendments)

<b>1. Product Identification:</b>	<b>S2190 tHb Calibrating Solution CODE 943-770</b>
Intended use:	Calibrating Solution. For in vitro diagnostic use
Version:	2
Date:	June 1, 2007

Radiometer representative's name, address and telephone:

Radiometer America Inc.  
810 Sharon Drive  
Westlake OH 44145  
440-871-8900  
800-535-5053 (Emergency)

## 2. Hazards Identification:

The hazardous properties of the product are considered to be limited. However, frequent or prolonged contact may cause irritation of the skin and eyes.

## 3. Composition/Information on Ingredients:

Contains among others	CAS-No.	Content-%	Classification
Amaranth	915-67-3	0,1-0,3	Xn; R40 (Carc3)
Inorganic phosphates	-	1-5	-
Pigments, deionised water	-	-	-

## 4. First-Aid Measures:

### Inhalation:

Seek fresh air.

### Skin contact:

Wash the skin with plenty of soap and water. Use suitable lotion to moisturise skin.

### Eye contact:

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### Ingestion:

Do not induce vomiting. Let the injured drink water or milk and get medical attention.

## 5. Fire-fighting Measures:

The product is non-flammable.

Extinguishing media for surrounding materials: alcohol resistant foam, powder or water fog.

## 6. Accidental Release Measures:

Prevent access to drains, sewers, waterways and soil.  
Absorb in vermiculite, dry sand or earth and place into containers.  
Disposal: see section 13.

## 7. Handling and Storage:

Avoid skin and eye contact.

Store in closed original containers.

## 8. Exposure Controls and Personal Protection:

Occupational Exposure Standard, Threshold limit values (2000):

None.

Following personal protection is recommended, if necessary:

Respiratory protection: -

Gloves: -

Eye protection: -

## 9. Physical and Chemical Properties:

Appearance:	Red/purple liquid	Solubility-Water:	Complete
Odour:	-	n-octanol/water:	-
pH:	7.2	Flash point:	-
Boiling point:	-	Autoignition:	-
Melting point:	-	Explosive properties:	-
Vapour pressure (20°C):	-	Viscosity (40°C):	-
Density:	1.0 g/cm <sup>3</sup>	Other data:	-

-: Means no data or not relevant

## 10. Stability and Reactivity:

Stable.

## 11. Toxicological Information:

### Inhalation:

Under normal conditions the product is not hazardous by inhalation.

### Skin contact:

Frequent or prolonged contact may cause mild irritation of the skin.

### Eye contact:

May cause irritation of the eyes.

### Ingestion:

No harmful effects in amounts likely to be ingested by accident.

### IARC:

Amaranth is in Group 3: "not classifiable as to carcinogenicity to humans".

## 12. Ecological Information:

There is no data available for the product itself.  
Do not allow to contaminate drains, sewers or water courses.  
WGK (Germany): 1

## 13. Disposal Considerations:

EWC-code (European Waste Catalogue): 16 05 08  
Abfallschlüsselnummern in Austria (ÖNORM S2100): 59305  
Dispose of in accordance with Local Authority requirements.

## 14. Transport Information:

The product is not considered dangerous goods.

## 15. Regulatory Information:

An assessment by Radiometer Medical ApS on June 1, 2007 has shown that according to EEC regulations 67/548/EEC and 99/45/EEC the product is not liable to classification and labelling.

## 16. Other Information:

The SDS complies with the US ANSI Standard (ANSI 2400.1-1993) and the international standard (ISO 11014-1).

Based on:  
Drawing No.: 21371-A4  
Version No.: 10

Prepared by: Radiometer Medical ApS