

## SAFETY DATA SHEET

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

<b>1. Product Identification:</b>	<b>S5332 CLEANING SOLUTION, CODE 943-696</b>
Intended use:	Cleaning 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.

## 3. Composition/Information on Ingredients:

Contains among others	CAS-No.	Content-%	Classification
Potassium hydroxide	1310-58-3	<0,5	C;R35
Sodium hypochlorite	7681-52-9	<0,2	R31 C;R34

## 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. If skin contact is unavoidable, use protective gloves. See section 8.

Store in closed original containers.

## 8. Exposure Controls and Personal Protection:

Occupational Exposure Standard, Threshold limit values (2002):

Potassium hydroxide	2 mg/m <sup>3</sup>
Chlorine	0.5 ppm (DK, 2002)
Chlorine	0.5 ppm (TWA, ACGIH, 2002)
	1 ppm (STEL, ACGIH, 2002)
Chlorine	1 ppm (TWA, OSHA, 2002)

Following personal protection is recommended:

Respiratory protection: -

Gloves: E.g. Nitril rubber

Eye protection: -

## 9. Physical and Chemical Properties:

Appearance:	Liquid	Solubility-Water:	Complete
Odour:	-	n-octanol/water:	-
pH:	11.5	Flash point:	-
Boiling point:	100 °C	Autoignition:	-
Melting point:	-	Explosive properties:	-
Vapour pressure (20°C):	-	Viscosity (40°C):	-
Density:	-	Other data:	-

-: Means no data or not relevant

## 10. Stability and Reactivity:

Stable at room temperature.

Avoid strong heating. By heating or fire, strongly irritating vapours may be formed.

## 11. Toxicological Information:

Inhalation: Under normal conditions the product is not hazardous by inhalation.

Skin contact: May cause irritation of the skin.

Eye contact: Causes irritation of the eyes.

Ingestion: May cause nausea, stomach ache and vomiting.

IARC: Sodium hypochlorite 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 07

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.: A4-16935  
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Prepared by: Radiometer Medical ApS