PPH CERKAMED

Material Safety Data Sheet CANAL DETECTOR – Preparation for root canal orifices location

MSDS is prepared in accordance with REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCILof 16 December 2008on classification, labelling and packaging of substances and mixtures, amending and repealingDirectives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

UPDATING DATE: 24.09.2014

1 . IDENTIFICATION

MANUFACTURER: **PPH CERKAMED Wojciech Pawłowski**
ADDRESS: ul. Kwiatkowskiego 1

37-450 Stalowa Wola, POLAND

2. HAZARDS IDENTIFICATION

Safe product, without labeling.

Classification according to GHS: NA

3. COMPONENTS

Name	CAS No.	WE No.	Classification	Concentration [%]
Methylene blue	61-73-4	200-515-2	Xn	2
Propylene glycol	57-55-6	200-338-0	N/A	20

The full wording of R-phrases and symbols can be found in point 16 of this MSDS

4. EMERGENCY FIRST AID PROCEDURES

General information:
Do not give anything by mouth to an unconscious person.
After inhalation:
Provide access to fresh air. Preparation is not harmful.
After eye contact:
Immediately flush eyes with plenty of water for at least 10 minutes.
Avoid strong stream of water due to the risk of mechanical damage to the cornea.
If signs of irritating persist, contact your doctor.
After skin contact: Take off contaminated clothing. Rinse skin with plenty of water.
After ingestion: Induce vomiting. Give water to drink. Contact your doctor.

5. FIRE FIGHTING MEASURES

Product not - flammable

Adequate fire-fighting measures: powders and fire-fighting foam, carbon dioxide.
Fire-fighting measures, which must not be used for safety reasons: Not specified
Special risks: Unknown
Hazardous decomposition products:
Sox, NOx, COx fumes can be released

Special protective equipment : In case of fire, substances harmful to health can be produced. Put on protective gastight clothing and breathing apparatus complete with a full face mask.

6. UNINTENDED RELEASE INTO THE ENVIRONMENT

Individual precautions:
Avoid contact with eyes and skin. Provide for the exchange of air (ventilation).
Proceed in accordance with the principles of safety and health at work with chemicals. Use personal protective equipment as stated in paragraph 8.

Precautions concerning environment protection:
In the event of a failure, do not allow discharges into the environment. Secure the product before it enters the sewers, groundwater, soil.

Cleaning methods:
Absorb with dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method. Rinse the contaminated surface with water.

7. HANDLING AND STORAGE

Dealing with preparation: Proceed in accordance with the principles of good practice and in compliance with health and safety. While use of the device do not eat, drink or smoke, avoid eye and skin contact with the liquid, personal protective equipment (as defined in section 8). Spilled preparation can cause risk of slipping.

Protection against fire and explosion: Non-flammable preparation

Storage: Store in well vented, dry room. Store in original packages, in a temperature between 2-25^{o}C.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Biological monitoring: Not applicable

Respiratory protection: Not required - at normal use

Eye protection: Necessary - goggles or face protection such as protective dental visor.

Skin protection: Necessary - gloves and appropriate protective clothing - lab coat.

Other information: While using the preparation avoid eye and skin exposure, do not consume meals and beverages, do not smoke.

9. PHYSICAL/CHEMICAL PROPERTIES

Physical form, color, odor:	water-glycol solution, dark blue
Boiling point:	not determined
Melting point:	not determined
Vapor pressure:	not determined

PPH CERKAMED

Material Safety Data Sheet CANAL DETECTOR – Preparation for root canal orifices location

Flash point:	not determined
Solubility in water:	very good
Density:	1,03 g / ml
pH	not determined

10. STABILITY AND REACTIVITY

Stability:
Product stable under normal conditions of use and storage.
Materials and conditions that must be avoided:
Not determined.
Hazardous decomposition products:
Not determined.

11. TOXICOLOGICAL INFORMATION

Inhalation:
No determined.

Ingestion:
*Methylene blue (*CAS 61-73-4) *LD_{50} (rat) 1180mg/kg*

Skin:
Not determined

Eyes:
Avoid contact with eyes. Preparation can be irritating to eyes.

Other information:
None of the ingredients of the product is classified as carcinogenic, mutagenic or reprotoxic.

12. ECOLOGICAL INFORMATION

Ecotoxicology:
Not determined

Bioaccumulation:
Not determined

Biodegradation:
Biodegradable

13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with governmental regulation or return to the producer.

14. TRANSPORT INFORMATION

The product is not subject to regulations for hazardous materials.

Transport by road (ADR / RID) – NA
Maritime transport (IMDG) - NA
Air transport (ICAO / IATA) - NA

15. REGULATION

Preparation **do not** has to be labeled.

General information:
The product intended for use only by qualified medical personnel, as recommended by the manufacturer.

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Explanation of symbols and phrases appearing in section 3:

Xn Harmful
R 22 Harmful if swallowed

Other sources of basic data to compile the data sheet:

- MSDS of the individual ingredients of this product
- Computer Database EINECS, 2005.
- IUCLID Data Bank
- ESIS - European Chemical Substances Information System

You will be responsible for creating the conditions for the safe use of the product and bear responsibility for any consequences resulting from misuse of this product.