



Safety Data Sheets

Produced by C.E.R for CORIS BioConcept

1. Identification

Name of the product : **CONTRÔLE POSITIF ROTA TIGETTE**

Identification code : **C+ROTATIG**

Conditioning : **Perfume bottle (2 ml)**

Application : **In vitro Diagnostic**

Supplier : **Centre d'Economie Rurale, Division Immunologie Animale
Rue du Carmel, 1
6900 Marloie (Belgique)
E-mail : dia.cer@skynet.be**

Contact : **Tel : 0032(0)84/220200
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2. Constitution of the product

Compounds	CAS #	Indication
1) Viral culture Rota biohazard class 2	Strain 'Castrucci 81/36F'	Pathogen, Realised by CER
2) Caséïne hydrolysed	Lyophilized	pH : 7,2 – 7,4
3) Merthiolate (Thimerosal)* in powder	54-64-8	Antibacterial form (contains Hg)

* Hazardous

3. Hazards Identification

Physical/Chemical risks :	This product contains Thimerosal, substance with mercury (Hg). Avoid contact with acetylene, ammoniac and strong oxidizers. Fire or excessive heat may produce hazardous decomposition products. This material, like most organic materials in powder form, is able to create a dust explosion.
Risks for the health :	The Rota Virus could induce diarrheas (deshydratation), especially in the children. The Merthiolate is very toxic by inhalation, contact with skin and by ingestion. Irritant for the respiratory tracts, the eyes and the skin (may cause allergic skin reactions). Possibility of irreversible effects.
Risks for the environment :	The product contains Hg (heavy metal contained in the Merthiolate), it will be important to treat it in order to eliminate any trace of noxiousness for the environment (by accumulation). Many treatments could be use : 'sand filter', 'activated carbon' and 'ions exchanger'. Furthermore, virus has to be denatured with bleach before draining of the product.

4. Emergency first aid procedures

Ingestion	This product contains Thimerosal. In case of ingestion, flush out the mouth with water and drink copious amounts of fresh water; ask rapidly medical advice.
Inhalation	Move to an outside area breath fresh air. Clear the nose by blowing.
Contact with skin	This product contains Thimerosal. Rinse immediately and abundantly with clean water or soap and water. Ask medical advice if it's necessary.
Contact with eyes	This product contains Thimerosal. In case of contact, rinse eyes with fresh water during at least 20 minutes. Ask medical advice.

5. Storage and manipulation

Precautions to be taken	<i>handling</i> : Protection for eyes and skin <i>Storing</i> : not above 50°C, keep out of food and drink
Storage 8°C)	<i>In lyophilized form</i> : Cold room (between 2°C and 8°C) <i>In resuspended form</i> : store at -20°C
Packaging material box.	Lyophilized bottles of 2 ml (glass) placed in a packet. This packet, surround with anti-impact, is placed in a
Dangerous reactions	(See 'Physical/Chemical risks')

6. European Information

Very Toxic :	R26/27/28
Very Toxic by inhalation, in contact with skin and is swallowed :	R33
Danger of cumulative effects : R50/53	
After contact with skin, wash immediately with plenty of soap suds :	S36
In case of accident, seek medical advice immediately :	S60
This material and its container must be disposed as hazardous waste :	S61
Avoid release to the environment :	Refer to special instructions

C.E.R. is not responsible on potential hazards when the product and its components are not employed according to the recommendations of the manual instructions.

Realised in February 2003