

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Diasystem Vet canine CRP Immunoassay Reagent R2 (Immunoparticles) as part of the kits: 1000

Relevant identified uses of the substance or mixture and uses advised against

Reagent for in-vitro diagnostics in canine samples

Details of the supplier of the safety data sheet

Company name: DiaSystem Vet AB

Street/POB-No.: Datorgatan 3

State/city/postal code: 561 33 HUSKVARNA
Sweden

World Wide Web: <http://www.diasystemvet.se>

Email: info@diasystem.se

Telephone: +46 (0) 36 12 62 20

Telefax: +46 (0) 36 18 77 30

Dept. responsible for information:

DiaSystem Vet AB, Telephone: +46 (0) 36 12 62 20

Emergency telephone number

Giftinformationscentralen, Telephone +46 112

2. Hazards identification

Classification of the substance or mixture

N/A

Diasystem Vet Canine CRP Immunoparticles are preserved with Sodium azide (NaN₃) and ProClin® 950. Pure NaN₃ is extremely poisonous, but in the reagents of this product the concentration of this chemical compound is not characterised as dangerous.

Although, accumulated NaN₃ in lead and copper pipes may cause generation of extremely explosive metal azides. To prevent this, rinse thoroughly if discarded into the drain. The product also contains substances from animal origin. The product contains nanomaterials.

1. Nanomaterials may encourage the formation of radicals in organisms
2. Nanomaterials can possibly penetrate cell membranes and the blood-brain barrier
3. Nanomaterials may accumulate in humans and organisms

3. Composition/information on ingredients

Chemical characterizatøn: Aqueous solution of polystyrene particles (1 % spherical nanomaterial) coated with proteins (animal origin).

CAS-no: N/A

EC-no: N/A

4. Firstaid measures

Description of first aid measures

In case of inhalation:	Not hazardous in case of inhalation. If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
Following skin contact:	Not hazardous in case of skin contact. Wash with soap and water. Get medical attention if irritation develops.
After eye contact:	Slightly hazardous in case of eye contact. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
After swallowing:	Slightly hazardous in case of ingestion. If large quantities of this material are swallowed, get medical attention.

5. Fire fighting measures

Extinguishing media

Suitable extinguishing media:	Product is non-combustible. Extinguishing materials should therefore be elected according.
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Advice for firefighters

Special protective equipment for firefighters:	N/A
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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Lab coat and safety glasses

Environmental precautions

Disposal of any discarded materials must be in accordance to local requirements.

Methods and material for containment and cleaning up

Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container.

7. Handling and storage

Precautions for safe handling

Advices on safe handling:	Avoid contact with skin, eyes and do not ingest. Keep all containers, equipment and working place clean. Provide adequate ventilation, and local exhaust as needed. Wear appropriate protective equipment.
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Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:	Keep containers tightly closed and at a temperature between 2 °C and 8 °C. Protect from light. Do not freeze. Keep sterile. Do not use past expiration date stated on the label.
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8. Exposure controls / Personal protection equipment

Exposure limit values:	N/A Provide good ventilation and/or an exhaust system in the work area.
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Personal protection equipment

Occupational exposure controls

Respiratory protection:	Respirator is not needed under normal and intended conditions of use.
Hand protection:	Protective gloves according to EN 374. Glove material: Nitrile rubber-Breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to EN 166
Body protection:	Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin and eyes. Change contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink or smoke.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Form:	Liquid dispersion of polystyrene nanomaterial White
Odour:	odourless
pH value:	at 20 °C: 8,6 - 8,9
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Evaporation rate:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	1,0
Water solubility:	completely miscible
Viscosity, kinematic:	No data available

10. Stability and reactivity

Stability and Reactivity

The product is stable.

Materials to avoid

N/A

Hazardous decomposition products

N/A

11. Toxicological information

Information on toxicological effects

Toxic effect on humans:	NO
Toxic effect on animals:	NO

Other information:

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Although, accumulated NaN₃ in lead and copper pipes may cause generation of extremely explosive metal azides. To prevent this, rinse thoroughly if discarded into the drain. The product also contains substances from animal origin. The product contains nanomaterials.

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12. Ecological information

General information:

Diasystem Vet canine CRP Immunoassay Reagent R2 (Immunoparticles) The product is preserved with Sodium azide (NaN₃) and ProClin® 950 Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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13. Disposal considerations

Waste treatment method

Recommendation: Waste disposal according to official state regulations.

14. Transport information

UN number

ADR/RID, IMDG, IATA-DGR: Non-dangerous goods

15. Other information

Chemical Safety Assessment

For this substance a chemical safety assessment is not required.
The product is to be used by qualified laboratory personell only, in clinical or biochemical laboratories at veterinary hospitals or other relevant institutions.

16. Other information

Further information

Date of first version: 2018-08-26

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard that exist.