1. Product Identification

**Product names:**
HemaVision® Q Positive Controls

**Catalog no’s.:**
HV05-PCQ

**Chemical names, common names:**
Not applicable

**Product use:**
The kit is for research use only. It can be used as a positive control for HemaVision 7Q and HemaVision 28Q.

**Synonyms:**
Not applicable

**Manufacturer’s name:**
DNA Diagnostic A/S

**Address:**
Voldbjergvej 14
DK-8240 Risskov
Denmark

**Business phone:** +45 8732 3050

**Emergency phone:** Use your local number

2. Hazards identification

**Classification of the substance or mixture according to 1272/2008 CLP**
Not classified.

**Label Elements 1272/2008 CLP**
Not classified.

**Other Hazards**
The product does not meet the criteria for PBT or vPvB.

3. Composition / Information of Ingredients

The HemaVision® Q Positive Controls kit consists of the following solutions:

The HemaVision Kits consists of the following solutions:
RNA solutions in water, 5 vials, 20 μL
SAFETY DATA SHEET

HemaVision® Q Positive Controls
DNA Diagnostic A/S

Revised: 01.10.2018
Replaces: 01.10.2018

Each of these solutions contain water and RNA. Therefore, these product components contain no notifiable substances.

Special note regarding Biological Constituents
The Biological Constituents of this product are known to be non-infectious and non-hazardous. When this product is used in conjunction with bodily fluids UNIVERSAL PRECAUTIONS SHOULD BE IMPLEMENTED.

4. First aid measures

Basic hygiene should prevent any problems. If contact with this product leads to reddening, inflammation, or other skin or eye irritation, flush the exposures area with running water.

Remove any contaminated clothing, taking care not to contaminate eyes. If chemical is in eyes, open victim’s eyes while under gentle running water. Use sufficient force to open eye lids. Have the victim “roll” eyes. As per standard industrial practice, the recommended minimum flushing time is 15 minutes.

The victim should seek immediate medical attention if an adverse reaction has occurred. A copy of label and SDS should be given to the physician or health professional. If chemical is swallowed, and the victim is having a reaction to the product, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow.

Eye:
Flush with water in eyewash for at least 15 minutes, holding eyelids open. Remove contact lenses, clean before re-use. Obtain medical attention if symptoms develop (redness, itching, etc.)

Skin:
Wash with plenty of soap and water for at least 15 minutes. Remove contaminated clothing, which may be washed for re-use. Obtain medical attention if symptoms develop (redness, itching, etc.).

Inhalation:
Remove person to fresh air. Obtain medical attention unless effects are mild and temporary.

Ingestion:
Give plenty of water, if conscious. If vomiting occurs naturally, wash out mouth. Be prepared to induce vomiting upon a physician’s advice. Obtain medical attention if symptoms develop.

Note to Physician:
Treat symptomatically. No specific antidote.

5. Fire Fighting Measures

Fire extinguishing media
This Product is not combustible. If this product is in the proximity of a fire, use fire extinguishing materials which are appropriate the materials which are involved in the fire, eg. powder, foam, CO₂ or water fog.
Unsuitable extinguishing media
None known.

Hazardous Combustion products
Includes carbon dioxide, carbon monoxide, and dense smoke.

Advice for firefighters
Standard turnout gear ("bunker gear"). Positive pressure self-contained breathing apparatus. Prevent firefighting water from entering the environment.

6. Accidental release measures

Personal Protective Equipment
Area ventilation is generally adequate. Chemical-resistant gloves should be worn. Wear standard safety goggles or glasses. All watertight materials and rubber materials offer adequate protection. Avoid contact with eyes and skin.

Spill cleanup
Absorb spill. Common absorbent materials should be effective. Deposit in appropriate containers for removal and disposal. Wash area with plenty of water.

Environmental precautions
Avoid discharge to lakes, streams, sewers, etc. Accidental releases may be subject to special reporting requirements and other regulatory mandates.

See also sections 8 and 13

7. Handling and storage

Storage of some materials is regulated by federal, state, and/or local laws.

Precautions for safe handling
See section 8 on exposure controls /personal protection for information on personal protection. Avoid contact with eyes and skin. The product should be used under well-ventilated conditions. Keep closed or covered when not in use.

Storage temperature
Frozen, below minus 70 degrees Celsius.

Storage pressure
Ambient.

Handling procedures
Keep closed or covered when not in use.
Storage Procedures
Suitable for most general chemical storage areas. Protect from direct sunlight.

Specific end uses
This product should only be used for applications described in section 1.

8. Exposure controls, personal protection

Control parameters
Occupational exposure limits EH40 (Great Britain)

No information

DNEL/PNEC: -

Exposure controls
Appropriate technical measures:
Well-functioning area ventilation is generally adequate. No respiratory protection will be needed under normal operating conditions.

General information/hygiene measures:
Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Make sure that eyewash and emergency showers are clearly marked. Avoid contact with eyes and skin.

Personal Protective Equipments
Only CE marked personal protection equipment should be used. Chemical-resistant gloves should be worn (EN 374).
Wear standard safety goggles or glasses (EN 166). No respiratory protection is needed.

Wear appropriate protective clothing.

9. Physical and chemical properties

For all components of the kit

Odor
none

Boiling point
100 degrees Celsius

Melting point or range
0 degrees Celsius

**pH**
neutral

**Vapor pressure**
Not established but similar to water

**Specific gravity**
1.0

**Solubility in water**
Yes

**Vapor pressure, mm Hg at 20 degrees Celsius**
Similar to water

**Volatile**
Not established

**Evaporation rate (water=1)**
Not established

**Viscosity**
Not established

**Appearance and color**
Colorless liquid

### 10. Stability and Reactivity

**Reactivity**
Stable under normal and recommended conditions.

**Chemical Stability**
Stable under recommended conditions for use and storage

**Conditions to avoid**
Any set of conditions, which should be avoided for water. Direct sunlight. Strong oxidizers and reducers. Strong acids and bases. Alkalimetals.

**Materials with which substance is incompatible**
This product is not compatible with substances which are incompatible with water. Otherwise not established.

**Hazardous Decomposition Products**
None known

**Hazardous reactions**
Not expected to occur

### 11. Toxicological information

**Potential Health Effect**
No long-term health effect from exposure to this product is presently known.

**Specific target organ toxicity – single exposure**
Not classified

**Acute toxicity**
Not classified

**Serious eye damage/irritation**
Not classified

**Dermal/skin corrosion/irritation**
Not classified

**Inhalation/respiratory**
Not classified

**Oral/ingestion**
Not classified

**Aspiration hazard**
Not classified

**Specific target organ toxicity – single exposure**
Not classified

**Specific target organ toxicity – repeated exposure**
Not classified

**Carcinogenicity**
Not classified

**Reproductive toxicity**
Not classified
SAFETY DATA SHEET
HemaVision® Q Positive Controls
DNA Diagnostic A/S
Revised: 01.10.2018
Replaces: 01.10.2018

Additional information
Not applicable

12. Ecological Information

Toxicity
Not classified but avoid leakage to sewage system or surface water.

Environmental Fate (Degradation, Transformation, and Persistence)
Bio-concentration is not expected to occur

Bioaccumulative potential
Bioaccumulation is not expected to occur

Mobility in soil
No data

Result of PBT and vPvB assessment
The product does not meet the criteria for PBT or vPvB

Other adverse effects
None known

13. Disposal Considerations

Waste treatment methods
Avoid discharge to drain and surface water. Collect spills and waste in closed leak-proof containers for disposal at the local hazardous waste site.

EWC-code
15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

Contaminated packing
Packaging which contains leftovers from the product must be disposed of in the same way as the product.

14. Transport information

This product is not subject to transport regulations

UN Proper shipping name
Not determined
SAFETY DATA SHEET

HemaVision® Q Positive Controls
DNA Diagnostic A/S

Revised: 01.10.2018
Replaces: 01.10.2018

UN number
Not determined

Transport Hazard class
Not determined

Environmental hazards - MP
Not determined

ID number
Not determined

Special precautions for the user: Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and IBC code: Not applicable

15. Regulatory information

European Union.

United States.
TSCA: This product is solely for research and development purposes only. It may only be handled by technically qualified individuals.

Canada.
DSL/NDSL: Not determined.

16: Other information

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since DNA Diagnostic A/S cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.