## SAFETY DATA SHEET

Millipore

according to Regulation (EC) No. 1907/2006

### **SECTION 1:** Identification of the substance/mixture and of the company/undertaking

1.1	<b>Product identifiers</b> Product name	:	Contact TVC (Total Viable Counts) Envirocheck®		
	Product Number Catalogue No. Brand REACH No.	:	1.02149 102149 Millipore This product is a mixture. REACH Registration Number see section 3.		
1.2	Relevant identified uses of the substance or mixture and uses advised again				
	Identified uses	:	Reagent for development and research		
1.3	Details of the supplier of the safety data sheet				
	Company	:	Merck Life Science spol. s r. o. Na Hřebenech II 1718/10		
			CZ-140 00 PRAGUE		
	Telephone E-mail address	:	•		
1.4		:	CZ-140 00 PRAGUE +420 246 003-251		

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### 2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Millipore- 1.02149

Page 1 of 8

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### **SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

No components need to be disclosed according to the applicable regulations.

### SECTION 4: First aid measures

### 4.1 Description of first-aid measures

### If inhaled

After inhalation: fresh air.

### In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

### In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

### If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

- **4.2 Most important symptoms and effects, both acute and delayed** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- **4.3 Indication of any immediate medical attention and special treatment needed** No data available

### **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

Suitable extinguishing media Water Foam Carbon dioxide (CO2) Dry powder

**Unsuitable extinguishing media** For this substance/mixture no limitations of extinguishing agents are given.

### 5.2 Special hazards arising from the substance or mixture Carbon oxides Mixture with combustible ingredients. Development of hazardous combustion gases or vapours possible in the event of fire.

### 5.3 Advice for firefighters

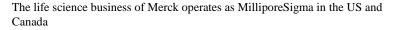
In the event of fire, wear self-contained breathing apparatus.

### 5.4 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Millipore- 1.02149

Page 2 of 8





### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.
- **6.2 Environmental precautions** Do not let product enter drains.
- **6.3 Methods and materials for containment and cleaning up** Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.
- **6.4 Reference to other sections** For disposal see section 13.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities
  - **Storage conditions** Tightly closed. Dry.

Recommended storage temperature see product label.

**Storage class** Storage class (TRGS 510): 11: Combustible Solids

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

Ingredients with workplace control parameters

8.2 Exposure controls

### **Personal protective equipment**

### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

### **Skin protection**

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber

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Page 3 of 8

Minimum layer thickness: 0,11 mm Break through time: > 480 min Material tested:KCL 741 Dermatril® L

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### **Respiratory protection**

Recommended Filter type: Filter P 2 (acc. to DIN 3181) for solid and liquid particles of harmful substances

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type P1

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

### **Control of environmental exposure**

Do not let product enter drains.

### SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid
b)	Odor	No data available
c)	Odor Threshold	No data available
d)	рН	No data available
e)	Melting point/freezing point	No data available
f)	Initial boiling point and boiling range	No data available
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower	No data available

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Page 4 of 8

flammability or explosive limits

- k) Vapor pressure No data available
- I) Vapor density No data available
- m) Density No data available Relative density No data available
- n) Water solubility at 20 °C soluble
- Partition coefficient: No data available n-octanol/water
- p) Autoignition No data available temperature
- q) Decomposition No data available temperature
- r) Viscosity Viscosity, kinematic: No data available Viscosity, dynamic: No data available
- s) Explosive properties Not classified as explosive.
- t) Oxidizing properties none

### 9.2 Other safety information

No data available

### **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### **10.2** Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

**10.3 Possibility of hazardous reactions** Violent reactions possible with: strong oxidising agents

### 10.4 Conditions to avoid

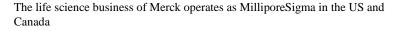
no information available

- **10.5 Incompatible materials** No data available
- **10.6** Hazardous decomposition products

In the event of fire: see section 5

Millipore- 1.02149

Page 5 of 8





### **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

Mixture

### Acute toxicity

Oral: No data available Inhalation: No data available Dermal: No data available

#### Skin corrosion/irritation No data available

Serious eye damage/eye irritation No data available

### **Respiratory or skin sensitization** No data available

Germ cell mutagenicity No data available

### Carcinogenicity No data available

**Reproductive toxicity** No data available

### Specific target organ toxicity - single exposure No data available

Specific target organ toxicity - repeated exposure No data available

**Aspiration hazard** No data available

### **11.2 Additional Information**

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

### **SECTION 12: Ecological information**

### 12.1 Toxicity

Mixture No data available

- 12.2 Persistence and degradability No data available
- 12.3 Bioaccumulative potential No data available
- **12.4 Mobility in soil** No data available
- 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent,

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Page 6 of 8

bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No data available

### **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

### Product

See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

SECTION 14: Transport information							
<b>14.1 UN number</b> ADR/RID: -	IMDG: -	IATA: -					
IMDG: Not dangerous go	ADR/RID: Not dangerous goods IMDG: Not dangerous goods						
14.3 Transport hazard class(es ADR/RID: -	) IMDG: -	IATA: -					
14.4 Packaging group ADR/RID: -	IMDG: -	IATA: -					
14.5 Environmental hazards ADR/RID: no	IMDG Marine pollutant: no	IATA: no					
14.6 Special precautions for user							

### **Further information**

Not classified as dangerous in the meaning of transport regulations.

### **SECTION 15: Regulatory information**

# **15.1** Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

### **15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

### **SECTION 16: Other information**

### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to

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Page 7 of 8

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Millipore- 1.02149

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Page 8 of 8

