



**SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

<b>Product Formal Name</b>	<b>V<sup>C</sup>CARE CLEANCHECK</b>
<b>Product Form</b>	Mixture
<b>Product Use</b>	For professional use only
<b>Manufacturer</b>	<b>VITROMED GmbH – Raiffeisenstr. 15a - 40764 Langenfeld-Germany</b>
<b>For Emergency Assistance</b>	<b>Phone</b> +49-2173-2004130 <b>Mail</b> support@vitromed.com

**SECTION 2 – HAZARDS IDENTIFICATION**

**Labelling according to Regulation (EC) No 1272/2008 (CLP)**

**Signal word** Danger



**Pictograms** GHS02, GHS07

**Hazard statements** H225 Highly flammable liquid and vapour, H319 Causes serious eye irritation

**Precautionary statements – prevention** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking, P233 Keep container tightly closed

**Precautionary statements – response** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Potential Acute Health Effects** May be harmful by swallow; cause skin or eye irritation, be irritating to mucous membranes and upper respiratory tract.

**Potential Chronic Health Effects** Not available

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

The product is a mixture of Ethanol CAS64-17-5 and 7-Diethylamino-4-methylcoumarin CAS91-44-1.

**SECTION 4 – FIRST AID MEASURES**

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
<b>Self-Protection of the First Aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
<b>Notes to Physician</b>	Treat symptomatically

**SECTION 5 – FIREFIGHTING MEASURES**

<b>Extinguishing Media</b>	Water spray, carbon dioxide, dry chemical powder or appropriate foam.
<b>Special Firefighting Procedure</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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## Unusual Fire and Explosion Hazards

Flammable. Containers may explode when heated. Vapours may form explosive mixtures with air. Vapours may travel to source of ignition and flash back.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Use personal protective equipment as required. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods for Cleaning Up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Refer Section 8.

### Storage

Store at 2 - 37°C. Keep the product in the original packaging or shield from light while not in use. Do not use after expiry date. Keep away from sunlight.

### Specific Use

For professional use only.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Controls (Occupational)

Wear chemical safety goggles. Wear rubber gloves. Avoid contact with skin, eyes and clothing. Avoid inhalation. Avoid mouth pipetting.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Appearance and Odor

Yellowish transparent liquid with fluorescence under UV-Light.

### pH

Not available

### Boiling Point

85 - 90 °C / 185 - 194 °F @ 760 mmHg

### Flash Point

21 - 22 °C / 69.8 - 71.6 °F

### Flammability

Flammable

### Explosive Properties

Not available

### Oxidizing Properties

Not available

### Vapor Pressure

Not available

### Relative density

Not available

### Solubility

Highly soluble in water

### Solubility in Water

complete

### Viscosity

Not available

### Evaporation Rate

Not available

## SECTION 10 – STABILITY AND REACTIVITY

### Stability

Stable

### Conditions to Avoid

Direct (sun)light, extremely high or low temperatures.

### Materials to Avoid

Strong acids and bases.

### Hazardous Decomposition Products

Carbon monoxide and dioxide.

## SECTION 11 – TOXICOLOGICAL INFORMATION

May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. May be harmful if inhaled. Material may be irritating to mucus membranes and upper respiratory tract. May be harmful if swallowed. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Component Ethanol: LD50 Oral = 10470 mg/kg OECD 401 (Rat) 3450 mg/kg (Mouse); LC50 (Inhalation)= 117-125 mg/l (4h) OECD 403 (rat) 20000 ppm/10H (rat)

## SECTION 12 – ECOLOGICAL INFORMATION

No known Ecological Damage. No additional data is available for the mobility, bio accumulative potential, persistence and degradability.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose in a safe manner in accordance to with local and national regulations and avoid release to the environment.

## SECTION 14 – TRANSPORT INFORMATION

### Regular shipment

**Shipments below 100 Units fulfil the “De minimis” rules. The packages are not labelled with UN1170 / Dangerous goods**

The secondary packaging material is able to take up the whole amount in the unlikely case of damage of the primary packaging.

**Only for shipments above 100 units the following applies:**

### IMDG/IMO

UN number	UN1170
UN proper shipping name	Ethanol solution
Transport hazard class(es)	3
Packing group	II

### ADR

UN number	UN1170
UN proper shipping name	Ethanol solution
Transport hazard class(es)	3
Packing group	II

### IATA

UN number	UN1170
UN proper shipping name	Ethanol solution
Transport hazard class(es)	3
Packing group	II
Environmental hazards	No hazards identified
Special precautions for user	No special precautions required.
Maritime transport in bulk according to IMO instruments	Not applicable, packaged goods

## SECTION 15 – REGULATORY INFORMATION

This product does not contain any ingredients which have been determined to be health hazardous pursuant to U.S. OSHA regulations, and which comprise 1 % or more (0.1 % for carcinogens) of the mixture.

## SECTION 16 – OTHER INFORMATION

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must take independent determinations of the suitability and completeness of information from all other sources to assure proper use and disposal of these materials and the safety and health of employees and customers. VITROMED GmbH shall not be held liable for any damage resulting from handling or from contact with its products.