

## 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product identifier:

Product name BrightDiluent (Normal Antibody Diluent,  
BrightVision, BrightVision Ultimate (Plus))

Cat.-No. BD09-xxx, UD09-xxx  
DPVOxxxHRP, DPVOxxxAP, DPVOxxxHRPN, DPVBxxxHRP,  
DPVBxxxAP, c-DPVBxxxHRP, c-DPVBxxxAP, DPVMxxxHRP,  
DPVMxxxAP, DPVRxxxHRP, DPVRxxxAP  
UBVOxxxHRP, UBVBxxxHRP

### 1.2 Relevant identified uses of the substance or mixture and uses advices against:

In vitro diagnostic use

### 1.3 Details of the supplier of the safety data sheet:

Immunologic a WellMed company  
WellMed BV  
't Holland 31  
6921 GX Duiven  
The Netherlands  
Phone: +31 (0) 85 273 23 23

### 1.4 Emergency telephone number:

(24 hour), +31(0) 30 2748888, only for the doctor.  
Vergiftiging informatie centrum Utrecht, The Netherlands

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

Hazard statement: Xi - irritant

R-phrases:

May cause sensitization by skin contact. GHS classification danger categories: Respiratory or skin sensitization: Sens. Skin Danger: May cause an allergic skin reaction.

### 2.2 Label elements

#### Hazardous component(s) for labeling:

Mixture of: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG-Nr. 247-500-7] and 2-Methyl-2H-isothiazol-3-on [EG-Nr. 220-239-6] (3:1)

**Signal word:** Attention

Pictogram: GHS07


**Hazard statements:**

H317 May cause an allergic skin reaction.

**Precautionary statements:**

 P261 Avoid breathing dust/fume/gas/mist/vapour/spray.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with soap and water.  
 P333+P313 IF skin irritation or a rash occurs: Get medical advice/attention.  
 P363 Wash contaminated clothing before reuse.

**2.3 Other hazards:** - none

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Component name | Hazardous ingredient                   | EC nr.                           | Classification  | Concentration |
|----------------|--|----------------------------------|---|---------------|
| Proclin 950    | 2-Methyl-4-isothiazolin-3-one solution | EC: 1272/2008<br>CAS: 2682-239-6 | Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H301 H314 H317 H400 H410 | 0,05-0,15     |

### 4 FIRST AID MEASURES

**4.1 Eye contact:**

Rinse with sufficient water; remove any contact lenses prior to rinsing, then immediately rinse the eyes with the eyelids open for a sufficient period of time (at least 15 minutes) using (lukewarm) water. Do not use a neutraliser. Help the victim with the rinsing process. Then consult an (eye) doctor if the symptoms remain.

**4.2 Skin contact:**

 Remove contaminated clothing. Wash skin that has come into contact with the product immediately and for at least 15 minutes with soap and water.  
 Rinse the mouth and spit out. Never give water if the casualty is unconscious. DO NOT induce patient to vomit (unless under direct supervision by a doctor). Never give water if the casualty is unconscious. The person should be placed and kept in the recovery position if unconscious. Loosen tight clothing, such as a shirt, tie, belt or waistband. Rest. Immediately see a physician.

**4.3 In aerosol or vapour is inhaled in high concentrations:**

Take the pers into the fresh air and keep him warm, let him rest; if there is difficulty in breathing, give oxygen. Give artificial respiration if breathing has stopped. Give nothing orally. Consult a doctor if the symptoms remain.

**4.4 Further medical treatment:**

Symptomatic treatment and supportive therapy as indicated.

## **5 FIRE FIGHTING MEASURES**

**5.1 Extinguishing media suitable:**

Use CO<sub>2</sub>, alcohol-resistant foam or extinguishing powder to extinguish a small fire. In case of larger fires, water spray should be used.

**5.2 Extinguishing media which must not be used for safety reasons:**

A direct jet of water may be ineffective. Special exposure hazards arriving from substance or preparation itself, combustion products, resulting.

**5.3 Gases:**

If involved in a fire, it may emit noxious and toxic fumes. Combustion products may include: carbon monoxide, propionaldehyde, hydrogen chloride, nitrogen oxide and ammonia.

**5.4 Protection of fire-fighters:**

Fire - men have to wear self - contained breathing apparatus. Use qualified | personnel who are well aware of the dangers of this product. After use clean the equipment thoroughly (show, clean clothing thoroughly and check suitability).

**5.5 Additional information: -**

## **6 ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:**

People dealing with major spillages should wear personal protective clothing. Evacuate the danger zone. Ventilate the area.

**6.2 Environmental precautions:**

Do not discharge as a concentrate into drains, sewers or surface water. Construct a dike to prevent spreading.

**6.3 Methods and material for containment and cleaning up:**

Contain spill with sand, ground or other non-flammable absorption material. Collect the waste product in suitable drums for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

## **7 HANDLING AND STORAGE**

**7.1 Handling:**

Maintain strict hygiene. When handling observe the usual precautionary measures for chemicals. Avoid spilling and contact with the skin and eyes. Avoid exposure to UV light as this can affect quality. Concentrations at the workplace must to the extent possible be kept below the exposure limit value.

**7.2 Storage:**

Keep closed packaging in a dark space at a temperature of 2 to 8 °C. Avoid exposure to direct sunlight.

Suitable storage material: Original packaging, dark synthetic material.

Storage material to avoid: -

Storage temperature: Cooled 2 to 8 °C.

**7.3 Specific use(s):**

Manufacturer's instructions, see IFU. Laboratory chemicals.

## **8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Parameters to be monitored**

Additional notes on limit values

Contains no substances in quantities above the concentration limits for which an occupational exposure limit has been established.

**8.2 Exposure controls**

**Protective and hygiene measures**

Take off dirty, soaked clothes immediately. Preventive skin protection through skin protection cream. Wash hands and face after work. do not eat and drink during work.

**Respiratory protection**

Ensure fresh air.

**Hand protection**

Wear suitable protective gloves.

**Eye protection**

Tightly fitting safety glasses.

**Body protection**

Wear suitable protective clothing when working.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

|        |           |
|--------|-----------|
| Form:  | liquid    |
| Color: | Colorless |
| Odor:  | odorless  |

**Test method**

|                |           |
|----------------|-----------|
| pH (at 20 °C): | 7.25-7.75 |
|----------------|-----------|

**State changes**

Melting temperature: not determined  
 Boiling point: not determined  
 Sublimation temperature: not determined  
 Softening point: not determined  
 Flash point: not determined

**Flammability**

Solid: not determined  
 Gas: not determined

**Explosion hazards**

Lower explosion limit: not determined  
 Upper explosion limit: not determined  
 Ignition temperature: not determined

**Auto-ignition temperature**

Solid: not determined  
 Gas: not determined

**Oxidizing properties**

Vapor pressure: not determined  
 Density: not determined  
 Bulk density: not determined  
 Water solubility: not determined

**Solubility in other solvents**

Partition coefficient: not determined  
 Viscosity: not determined  
 Kin. Viscosity: not determined  
 Flow time: not determined  
 Vapor density: not determined  
 Evaporation rate: not determined  
 Solvent separation test: not determined  
 Solvent content: not determined

**9.2 Other information**

Solid content: not determined

## 10 STABILITY AND REACTIVITY

**10.1 Reactivity:**

No data available.

**10.2 Chemical stability:**

When stored correctly, at least the shelf life stated on the label applies.

**10.3 Possibility of hazardous reactions:**

No data available.

**10.4 Conditions to avoid:**

Exposure to light may affect product quality. Exposure to moisture may affect product quality.

**10.5 Incompatible Materials**

No data available.

**10.6 Hazardous decomposition products**

No data available.

## **11 TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

#### **Toxicological tests**

##### **Toxicokinetics, metabolism and distribution**

Toxicological data are not available.

##### **Acute toxicity**

No data available.

##### **Specific effects in animal experiments**

Toxicological data are not available.

##### **Irritation and corrosivity**

Toxicological data are not available.

##### **Sensitizing effects**

Sensitization through skin contact possible.

##### **Severe effects after repeated or prolonged exposure**

Toxicological data are not available.

##### **Carcinogenic, mutagenic and toxic for reproduction**

Toxicological data are not available.

##### **Other information on tests**

The classification was made in accordance with the calculation method of the Preparations Directive (1999/45 / EC).

## **12 ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

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**

No data available.

**12.6 Other adverse effects**

No data available.

## **13 DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Recommendation**

Disposal according to official regulations.

**Disposal of uncleaned packaging and recommended cleaning agents**

Water (with detergent). Completely emptied packaging can be recycled.

## **14 TRANSPORT INFORMATION**

Due to small volumes, not applicable.

## **15 REGULATORY INFORMATION**

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

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

No data available.

**15.2 Chemical Safety Assessment**

No data available.

## **16 OTHER INFORMATION**

Risk phrases, Safety phrases, Hazard statements and Precautionary statements referred elsewhere in the safety data sheet:

List of relevant R- and H- phrases referred to under headings 2 and 3:

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

Safety data sheet according regulation (EC) No 1907/2006 of the European parliament and of the council from 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH).

Changes to previous version of the SDS: n/a

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