

## Safety Data Sheet

according to Regulation (EC) No.1907/2006  
released 2016/11/22



### GENERAL SECTION

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

##### 1.1. Product identifiers

Product name: FITC-CONJUGATED ANTI HUMAN C4D ANTIBODY (C4dpAb2-FITC)  
Product Number: CAT. NO. BI-RD4D-FITC  
Brand: Biomedica Medizinprodukte GmbH & Co KG

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: FOR RESEARCH USE ONLY  
NOT FOR USE IN DIAGNOSTIC PROCEDURES

##### 1.3. Details of the supplier of the data sheet

Company: Biomedica Medizinprodukte GmbH & Co KG, A-1210 Wien,  
Divischgasse 4  
Telephone: +43/1/291 07 45  
Fax: +43/1/291 07 85  
E-mail: [export@bmgrp.com](mailto:export@bmgrp.com)  
Prepared by Biomarker Design Forschungs GmbH, A-1210 Wien, Divischgasse 4

##### 1.4. Emergency telephone number

No data available.

##### 1.5. Further information

All reagents sold by BIOMEDICA must be handled only by qualified laboratory personal.  
All preservative substances used in our products are there in too low concentrations to constitute any danger and standard laboratory precautions should suffice for effective protection.

Nonetheless, in the case of unusual exposure, the form(s), furnished in the appendix, provoke(s) all the necessary information.

##### 1.6. Partition of section 2-16 of the data safety sheet in specific forms

The following are hazardous substances present in this product:

Hazardous substance	Substance part component, [Identification name of vial]	Quantity/ concentration of (hazardous) substance	Material Safety data sheet [no.]	Page of this MSDS
anti – C4d Antibody FITC	RCDF	0.1%	1	2

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### SPECIFIC SECTION

#### Material safety data sheet no.1

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

### 1.1. Product identifiers

Component name: anti C4d Antibody FITC  
Component ID: RCDF  
Brand: Biomedica Medizinprodukte GmbH & Co KG

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: FOR RESEARCH USE ONLY  
NOT FOR USE IN DIAGNOSTIC PROCEDURES

### 1.3. Details of the supplier of the data sheet

Company: Biomedica Medizinprodukte GmbH & Co KG, A-1210 Wien,  
Divischgasse 4  
Telephone: +43/1/291 07 45  
Fax: +43/1/291 07 85  
E-mail: export@bmgrp.com

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Based on percentages of hazardous ingredients in this product, this product is not classified as "dangerous" under EU Directives (67/548/EEC and 1999/45/EC) or hazardous under US OSHA Hazard Communication Regulations (29 CFR 1910.1200).

### 2.2. Label elements

#### Labeling according Regulation (EC) No 1272/2008 [CLP]

Pictogram	none
Signal word	none
Hazard statement	none
Precautionary statement	none
Supplemental hazard statements	none

### 2.3. Other hazards

None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

See section 3.2.

### 3.2. Mixtures

Component	Classification	Percentage
<b>Proprietary formulation; no hazardous components above 1% or carcinogens above 0.1%</b>		
CAS-No. None EINECS -No. none	Not classified	100%
<b>Proclin 300</b>		
CAS-No.55965-84-9 EC-No. 613-167-00-5	H302, H317, H314, H410	0.1%

For the full text of the H-statements mentioned in this section, see section 16.

#### **4. FIRST AID MEASURES**

##### **4.1. Description of the first aid measures**

###### **General advice**

Consult a physician, show this safety data sheet to the doctor in attendance.

###### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

###### **In case of skin contact**

Wash off immediately with soap and plenty of water.

###### **In case of eye contact**

Rinse thoroughly with plenty of water, also under the eyelids.

###### **If swallowed**

Never give anything by mouth to an unconscious person. Call a physician.

##### **4.2. Most important symptoms and effects, both acute and delayed**

No data available.

##### **4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

#### **5. FIRE-FIGHTING MEASURES**

##### **5.1. Extinguishing media**

###### **Suitable extinguishing media**

No restriction; use appropriate agent for surrounding fire.

##### **5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

##### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit.

##### **5.4. Further information**

No data available.

#### **6. ACCIDENTAL RELEASE MEASURES**

##### **6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment.

##### **6.2. Methods and materials for containment and cleaning up**

Soak up with inert absorbent material. Do not let product enter drains.

##### **6.3. Reference to other sections**

No data available.

#### **7. HANDLING AND STORAGE**

##### **7.1. Precautions for safe handling**

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

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P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in properly labeled containers; Store for short time at 2-8°C, for long term at -20°C to -80°C.

VbF-Class: not applicable

### 7.3. Specific end uses

No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Components with workplace parameters**

No data available.

### 8.2. Expose controls

**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

### 8.3. Personal protective equipment

**Eye/face protection**

Tightly fitting safety goggles.

**Skin protection**

Handle with chemical-resistance gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

- |   |                    |
|---|--------------------|
| a) Appearance form:                         | liquid             |
| b) Colour:                                  | clear              |
| c) Odour:                                   | none               |
| d) pH:                                      | 7.3 – 7.5          |
| 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 applicable.     |

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j) Upper/lower flammability or explosive limits:	no applicable.
k) Vapour pressure:	no data available.
l) Vapour density:	no data available.
m) Relative density:	no data available.
n) Water solubility:	complete.
o) Partition coefficient: n-octanol/water:	no data available.
p) Auto-ignition temperature:	no applicable.
q) Decomposition temperature:	no data available.
r) Viscosity:	no data available.
s) Explosive properties:	not explosive.
t) Oxidizing properties:	no data available.

### 9.2. Other safety information

No data available.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Hazardous polymerization: will not occur..

### 10.2. Chemical stability

Chemically stable under recommended conditions of use and storage.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No data available.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Though complete toxicity information on RCD is not available, none of its components are known to be toxic or hazardous at used concentrations. No component of this product contains levels greater than or equal to 0.1% which is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

#### 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

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No data available.

### **Aspiration hazard**

No data available.

### **Additional information**

not available

## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

Though complete toxicity information on RCD is not available, none of its components are known to be toxic or hazardous at used concentrations. No component of this product contains levels greater than or equal to 0.1% which is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bio-accumulative 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**

#### **Product**

Prevent product from entering drains. Dispose of in accordance with local regulations.

## **14. TRANSPORT INFORMATION**

### **14.1. UN number**

Non-regulated, non-hazardous for transport.

### **14.2. UN proper shipping name**

Non-regulated, non-hazardous for transport.

### **14.3. Transport hazard class(es)**

Non-regulated, non-hazardous for transport.

### **14.4. Packaging group**

Non-regulated, non-hazardous for transport.

### **14.5. Environmental hazards**

No data available.

### **14.6. Reportable Quantity (RQ)**

No data available.

### **14.7. Emergency Telephone Number (during transport)**

CHEMTREC: 1-800-424-9300 (US and Canada)

1-703-527-3887 (International shipments)

### **14.8. Special precautions for user**

No data available.

## **15. REGULATORY INFORMATION**

### **US FEDERAL REGULATIONS**

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION,  
AND LIABILITY ACT): Not Applicable

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not listed

### INTERNATIONAL REGULATIONS

There are no hazardous ingredients in an amount that requires identification and labeling according to European Community Directives.

EUROPEAN UNION'S REACH (REGISTRATION, EVALUATION, AND AUTHORIZATION OF CHEMICALS):

This product meets the definition of a preparation. The aggregate volume of each non-exempt substance in this product does not exceed the 1 metric ton per year threshold. Therefore, registration is not required.

This safety data sheet has been prepared to comply with the requirements of Annex II, European Community Regulation No. 1907/2006 (REACH) and ANSI Z400.1-2004 guidelines.

#### 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

#### Text of H-code(s) mentioned in Section 3

Classification	Number	Description
H	302	Harmful if swallowed.
	314	Causes severe skin burns and eye damage.
	317	May cause an allergic skin reaction.
	410	Very toxic to aquatic life with long lasting effects.

#### 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 appropriate safety precautions. It does not represent any guarantee of the properties of the product. Biomedica Medizinprodukte GmbH & Co KG shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.