

**Product:** Human normal Immunoglobulin  
**Trade Names:** Redimune, Carimune, Carimune NF, Sandoglobulin®,  
Panglobulin, Panglobulin NF, Sanglopor

Date of issue: 13. May 2004  
Replaces Version of: 6. Jan. 2003

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### 1. Identification of the product and of the company

Product:  
Human normal immunoglobulin

Company name:  
ZLB Behring AG  
Wankdorfstr. 10  
3000 Bern 22  
Phone: +41 31 344 44 44 Fax: +41 31 344 55 55

Emergency Phone number  
Please contact the local ZLB Behring representation in your country  
Switzerland: Toxicological Information Center Switzerland: +41 01 251 51 51

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### 2. Composition / Information on ingredients

Trade names:  
Redimune, Carimune, Carimune NF, Sandoglobulin®, Panglobulin, Panglobulin NF, Sanglopor

Chemical characterization of the substance / preparation:  
Proteins and Saccharose, freeze dried

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### 3. Hazards identification

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.  
No hazardous product as specified in Directive 67 / 548 / EEC.

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### 4. First aid measures

After contact with the eyes:  
Rinse eyes with running water.  
After contact with the skin:  
Rinse contaminated skin.  
After inhalation:  
Consult a physician if irritating symptoms develop and persist.  
After ingestion or accident:  
If feeling sick consult a physician.  
Notes to physician:  
Only effective when administered parenterally.

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## 5. Fire fighting measures

Extinguishing media, suitable:

all, suit to surrounding area

Extinguishing media, not to be used

no restrictions

Special advice in case of fire

Cool container and metallic parts with a water spray jet

Hazardous products of combustion:

Nitrogen oxide

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## 6. Accidental release measures

After spillage, leakage, large amounts:

Must not be released into sewers, drains or wells.

Take up by mechanical means and dispose

After spillage, leakage, small amounts:

Wash away remnants with plenty of water and detergents

Cleaning of equipment:

Wash with plenty of water

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## 7. Handling and storage

Protect from (while storing)

Light

Max. storage temperature (for workplace safety reasons only)

30°C or 86°F

Protective measures, storage and handling:

Store in a cool place and protected from light

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## 8. Exposure controls / personal protection

Personal protection for open handling:

Respiratory protection: mask, dust filter in case of dust generation

Eye protection: safety glasses

Hand protection: yes

Others: working clothes

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## 9. Physical and chemical properties

Form:	lyophilized
Color:	white
Odour:	no
Melting point:	not applicable
Boiling point:	not applicable
Flash point:	not applicable
Density:	not applicable
Pallet packing density (depending on vial size):	approx. 500 kg / m <sup>3</sup>
Viscosity:	not applicable (20°C)
pH-value	approx. 6-7 (10 g/l / 20°C)

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## 10. Stability and reactivity

Conditions to be avoided (for safety reason only):  
No information available.  
Substances to be avoided (for safety reason only):  
No information available.  
Hazardous decomposition products  
Non

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## 11. Toxicological information

No toxic effects are to be expected, when the product is handled appropriately

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## 12. Ecological information

Biological degradation:  
Based on results of similar compounds good biodegradation can be expected.  
Further ecological data:  
No ecological problems are to be expected when the product is handled and used with due care and attention.

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## 13. Disposal considerations

Product:  
Incineration in controlled furnaces.  
Packaging  
Must be disposed of in compliance with country-specific regulations.

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#### 14. Transport information

Not subject to transport regulation

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#### 15. Regulatory information

Labeling according to EC Directives

Symbol: non

R-phrases: non

S-phrases: non

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#### 16. Other information

Product should be stored, handled and used in accordance with good industrial hygiene practice and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements, it should therefore not be construed as guaranteeing specific properties.

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