

## Human Serum

Safety Data Sheet · According to Regulation (EC) No 1907/2006 (REACH) · Revision 3.0 · 28 Jun 2021 · Reissued 2026-09-19  
(layout and contact details only)

### Section 1: Identification

**Recommended use** Research or further manufacturing only. Not for human or animal consumption.

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### Product codes covered by this sheet

| Code  | Product                                                   |
|-------|-----------------------------------------------------------|
| 34005 | AB Human Serum                                            |
| 34006 | AB Male Human Serum, Off-Clot S                           |
| 34007 | AB Male Human Serum, Off-Clot Single Donor                |
| 34009 | Human Serum Complement IgG Depleted, Pooled               |
| 34010 | Human Serum Complement IgG/IgM Depleted, Pooled           |
| 34011 | Human Serum, Off-Clot, Single Donor                       |
| 34013 | Human Serum Complement IgG/IgM Depleted, Single Donor     |
| 34014 | Human Serum Complement IgG/IgM Depleted, Pooled           |
| 34015 | Human Serum Sample                                        |
| 34016 | Human Serum Complement IgG/IgM Concentrated               |
| 34017 | Human Serum Complement Sample                             |
| 34018 | Human Serum Complement No Depletion, Single Donor         |
| 34019 | Human Serum, Off-Clot, Pooled                             |
| 34020 | Human Serum Complement IgG/IgM Depleted, Heat-inactivated |
| 34099 | Human Blood/Serum/Plasma Custom                           |

### 1.2 Relevant identified uses

For research or further manufacturing only. See product data sheet. Uses advised against: Not for human consumption.

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

No applicable GHS categories

#### 2.2 Label elements

**Product identifier:**

No applicable GHS categories Hazard pictograms No applicable GHS categories Signal word:

**No applicable GHS categories Hazard statements:**

**Precautionary statements:**

### Section 3: Composition/information on ingredients

#### 3.1 Substances

There are no ingredients in this product which are classified as hazardous and/or no hazardous ingredients above the GHS cut off percentage.

### Section 4: First aid measures

#### 4.1 Description of first aid measures

##### General information:

In all cases of doubt, or when symptoms persist, seek medical attention. Following inhalation:

Remove to fresh air. If breathing is irregular or stopped, give artificial respiration. Give nothing by mouth.

##### Following skin contact:

Wash skin thoroughly with soap and water or use a recognized skin cleanser. Following eye contact:

Irrigate copiously with clean water for at least 15 minutes, holding eyelids apart and seek medical attention.

##### Following ingestion:

If swallowed obtain immediate medical attention. Do not induce vomiting.

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

**Symptoms:** No specific symptom data available.

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** As appropriate for surrounding fire.

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

**Hazardous combustion products:** No hazardous decomposition data available.

#### 5.3 Advice for fire-fighters

None

### Section 6: Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

#### 6.2 Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.3 Methods and material for containment and cleaning up

Wash contaminated surfaces with disinfectant solution

### Section 7: Handling and storage

**7.1 Precautions for safe handling**

Handle containers carefully to prevent damage and spillage. Biological materials should be treated as any other potential infectious agent.

Store containers carefully to prevent damage and spillage.

**Incompatible materials:** No data available.

**7.3 Specific end uses**

No data available.

**Section 8: Exposure controls/personal protection**

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

**8.1 Exposure controls**

**Personal protective equipment:**

**Eye / Face protection:**

**Wear suitable eye protection Skin protection:** Wear suitable personal protective equipment

**Respiratory protection:** Avoid inhalation

**Section 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance Yellowish pink to red Odor Slight Odor threshold Not determined pH Not measured Melting/freezing point Not measured Initial boiling point and range Not measured Flash point Not measured Evaporation rate Not measured Flammability Not applicable Vapor pressure Not measured Vapor density Not measured Solubility in Water Freely soluble Auto-ignition temperature Not measured Decomposition temperature Not measured Viscosity Not measured

**Section 10: Stability and reactivity****10.1 Reactivity**

Hazardous polymerization will not occur

**10.2 Chemical stability**

Stable under normal circumstances

**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 hazardous decomposition products data available.

**Section 11: Toxicological information****11.1 Information on toxicological effects**

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above

the GHS cut off percentage.

Classification Category Hazard description Acute Toxicity – oral

--- Not applicable Acute Toxicity – dermal

--- Not applicable Acute Toxicity – inhalation

--- Not applicable Skin corrosion/irritation

--- Not applicable Serious eye damage/irritation

--- Not applicable Respiratory sensitization

--- Not applicable Skin sensitization

--- Not applicable Germ cell mutagenicity

--- Not applicable Carcinogenicity

--- Not applicable Reproductive toxicity

--- Not applicable STOT-single exposure

--- Not applicable STOT – repeated exposure

--- Not applicable Aspiration hazard

--- Not applicable

## Section 12: Ecological information

### 12.1 Toxicity

No additional information provided for this product. See section 3 for chemical specific data.

Aquatic toxicity There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

### 12.2 Persistence and degradability No data available

### 12.3 Bioaccumulative potential Not measured

### 12.4 Mobility in soil No data available

### 12.5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals

### 12.6 Other adverse effects

No data available.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance and packaging.

## Section 14: Transport information

Land transport (ADR/RID) Inland waterway transport (ADN) Sea transport (IMDG) Air transport (ICAO-TI / IATA-DGR)

### 14.1 UN No

N/A N/A N/A N/A

### 14.2 UN Proper shipping

name N/A N/A N/A N/A

**14.3 Transport hazard**

class(es) N/A N/A N/A N/A Hazard label(s) N/A N/A N/A N/A

**14.4 Packing group**

N/A N/A N/A N/A

**14.5 Environmental hazards**

N/A N/A N/A N/A

**14.6 Special precautions for user No further information****Section 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance**

or mixture.

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage. To the best of our knowledge there are no chemicals at levels which require reporting under regulatory statutes.

**Section 16: Other information**

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind; expressed or implied is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

Revisions in 3.0 Removed 34008 and 34012 Product Codes Added 34020 Product Codes Removed "Biologicals" from company name in Section 1.

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