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# **Material Safety Data Sheet**

Date Printed 04/09/2008 Date Updated: 02/03/2006 Version 1.70

# Section 1 - Product and Company Information

Product Name **Product Number** 

Brand

Fax:

IgG from human serum, reagent grade, >= 95% SDSPAGE or HPLC

Sigma Chemical

Company Street Address City, State, Zip, Country Technical Phone:

Sigma-Aldrich 3050 Spruce Street SAINT LOUIS, MO 63103 US

800-325-5832 800-325-5052

**Emergency Phone:** 

314-776-6555

# Section 2 - Composition/Information on Ingredient

Substance Name

CAS#

**SARA 313** 

EC no

Annex I Index Number

IMMUNOGLOBULIN G (IGG) FROM HUMAN SERUM

None

No

Formula

**Chemical Family** 

Human source material

Synonyms

# Section 3 - Hazards Identification

### **Emergency Overview**

Biohazard

Handle as if capable of transmitting infectious agents

**HMIS Rating** 

Health: 0

Flammability: 0

Reactivity: 0

Special Hazard(s): Human Source

NFPA Rating

Health: 0

Flammability: 0

Reactivity: 0

Special Hazard(s): Human Source

For additional information on toxicity, please refer to Section 11.

# Section 4 - First Aid Measures

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately,

### Inhalation Exposure

If inhaled, remove to fresh air, If not breathing give artificial respiration. If breathing is difficult, give oxygen.

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing anchoes. Call a physician.

#### Eye Exposure

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with lingers. Call a physician.

# Section 5 - Fire Fighting Measures

**Autoignition Temp:** 

N/A

#### **Extinguishing Media**

Suitable

Use extinguishing media appropriate to surrounding fire conditions,

### Firefighting

**Protective Equipment** 

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s)

Emits toxic fumes under fire conditions.

# Section 6 - Accidental Release Measures

#### Procedure(s) of Personal Precaution(s)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves

# Section 7 - Handling and Storage

Handling

User Exposure

Avoid inhalation, Avoid contact with eyes, skin, and clothing Avoid prolonged or repeated exposure

Storage

Suitable

Keep tightly closed. Store at 2-8°C

# Section 8 - Exposure Controls / PPE

# **Engineering Controls**

Safety shower and eye bath Mechanical exhaust required

## Personal Protective Equipment

### Respiratory

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU) Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator,

Compatible chemical-resistant gloves.

Chemical safety goggles

#### General Hygiene Measures

Wash thoroughly after handling

# Section 9 - Physical/Chemical Properties

Appearance

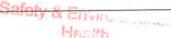
Physical State

Solid

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Molecular Weight

N/A

# Section 10 - Stability and Reactivity

## Stability

Stable

Stable

Materials to Avoid

Strong oxidizing agents.

# **Hazardous Decomposition Products**

**Hazardous Decomposition Products** 

Nature of decomposition products not known

### Hazardous Polymerization

Hazardous Polymerization

Will not occur.

### Section 11 - Toxicological Information

#### Route of Exposure

Skin Contact

May cause skin irritation:

Skin Absorption

May be harmful if absorbed through the skin.

Eve Contact

May cause eye irritation.

Inhalation

May be harmful if inhaled. Malerial may be irritating to mucous membranes and upper respiratory tract.

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Ingestion

May be harmful if swallowed.

#### Signs and Symptoms of Exposure

Potentially biohazardous material

RTECS Number: N/A

### Section 12 - Ecological Information

No data available.

# Section 13 - Disposal Considerations

# Appropriate Method of Disposal of Substance or Preparation

Contact a licensed professional waste disposal service to dispose of this material.

Disposal should be made in accordance with existing disposal practices employed for infectious waste at your institution.

Observe all federal, state, and local environmenta regulations.

### Section 14 - Transport Information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport This substance is considered to be nonhazardous for transport.

IATA

Non-Hazardous for Air Transport Non-hazardous for air transport

# Section 15 - Regulatory Information

#### **EU Additional Classification**

Symbol of Danger: B

Indication of Danger

Biohazard

# US Classification and Label Text

Indication of Danger

Biohazard

**US Statements** 

Handle as if capable of transmitting infectious agents.

# United States Regulatory Information

SARA Listed: No

# Canada Regulatory Information

WHMIS Classification

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information

required by the CPR. DSL: No

NDSL: No

#### Section 16 - Other Information

# Disclaimer

For R&D use only. Not for drug, household or other uses.

Warrant

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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 stated 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. Signaldrich Inc., shall not be held liable for

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