

Material Safe Data Sheet

Date Created 10/19/2009
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Version 1.0

Section 1- Product Information

Product Name Rabbit Anti-H1N1 NS2 Polyclonal Antibody
Product Cat. No. A01499

Section 2- Composition / Information on Ingredients

Substance / Preparation: Substance
Ingredient Name Rabbit Anti- H1N1 NS2 Polyclonal Antibody
CAS No. No
SARA 313 No

Section 3- Hazards Identification

HMIS Rating
Health 2
Flammability 0
Reactivity 0
NFPA Rating
Health 2
Flammability 0
Reactivity 0

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

Section 4- First Aid Measures

Oral Exposure If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation Exposure If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Dermal Exposure In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. 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 fingers. Call a physician.

Section 5- Fire Fighting Measures

Flash Point Not available
Autoignition Temp Not available
Flammability Not available
Extinguishing Media
Suitable Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
Fire Fighting
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 to Be Followed in Case of Leak or Spill Evacuate area
Procedure(s) of Personal Precaution(s) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves
Methods for Cleaning Up Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7- Handling and Storage

Handling
User Exposure Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
Storage Storage at -20°C

Section 8- Exposure Controls/Personal Protection Equipment

Engineering Controls 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). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) respirator.

Other

Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

General Hygiene Measures

Wash thoroughly after handling

Section 9- Physical and Chemical Properties
Appearance

Physical State

Lyophilized powder

Property

Molecular Weight

Not available

pH

Not available

BP/BP Range

Not available

MP/MP Range

Not available

Freezing Point

Not available

Vapor Pressure

Not available

Vapor Density

Not available

Saturated Vapor Conc.

Not available

SG/Density

Not available

Bulk Density

Not available

Odor Threshold

Not available

Volatile%

Not available

VOC Content

Not available

Water Content

Not available

Solvent Content

Not available

Evaporation Rate

Not available

Viscosity

Not available

Surface Tension

Not available

Partition Coefficient

Not available

Decomposition Temp.

Not available

Flash Point

Not available

Explosion Limits

Not available

Flammability

Not available

Autoignition Temp

Not available

Refractive Index

Not available

Optical Rotation

Not available

Miscellaneous Data

Not available

Solubility

Soluble in water

Section 10- Stability and Reactivity
Stability

Stable

Stable

Hazardous Decomposition Products

Hazardous Decomposition Products

Nature of decomposition products not known

Section 11- Toxicological Information

Route of Exposure

Skin Contact

May cause skin irritation

Skin Absorption

May be harmful if absorbed through the skin

Inhalation

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

Ingestion

May be harmful if swallowed

Conditions Aggravated by Exposure

The toxicological properties have not been thoroughly investigated.

Section 12- Ecological Information

Eco-toxicity

Toxicity of The Products of

Biodegradation

The product itself and its products of degradation are not toxic.

Section 13- Disposal Considerations

Appropriate Method of Disposal of

Waste must be disposed of in accordance with federal, state and local

| | |
|--------------------------|------------------------------------|
| Substance or Preparation | environmental control regulations. |
|--------------------------|------------------------------------|

Section 14- Transport Information

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|---------------------------------|---|
| DOT | |
| Proper Shipping Name | None |
| Non-Hazardous for Transport | This substance is considered to be non-hazardous for transport. |
| IATA | |
| Non-Hazardous for Air Transport | Non-hazardous for air transport |

Section 15- Regulatory Information

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|--------------------------------------|--|
| 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

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| Disclaimer | For <i>in vitro</i> research use only. |
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GenScript corporation MSDS is believed to be correct but only used as a guide for experienced personnel, GenScript shall not be held liable for any damage resulting from the handling or from contact with the above product.