

SAFETY DATA SHEET

Revision Date: 09/20/2022

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Regulation: In accordance with Commission Regulation (EC) No. 1907/2006

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product No.: NBP2-59591

Product Name: Recombinant Canine IL-31 His Protein

REACH Registration Number: Not applicable

A registration number is not available for this substance as this product is a mixture.

REACH Registration Number see section 3.

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

Identified uses: Reagent for analysis in the laboratory.

1.3 Details of the supplier of the safety data sheet

Company:

Novus Biologicals
10771 E Easter Ave
Centennial, CO 80112, USA

Contact:

Telephone: 1-888-506-6887
Fax: 303-730-1966

1.4 Emergency Call: 1-888-506-6887

SECTION 2. Hazard identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3. Composition / Information on ingredients

3.1 Substance: Not applicable

3.2 Mixture: No components need to be disclosed according to the applicable regulations.

SECTION 4. First aid measures

4.1 Description

1. General: Low hazard via all routes of entry.
2. Inhalation: Move person into fresh air. If not breathing, give artificial respiration.
3. Skin: Wash off with soap and plenty of water.
4. Eyes: Rinse with water.
5. Ingestion: Contact medical aid in case of ingestion of large amounts (liters). Never give anything by mouth to an unconscious person.
6. First Aid: Wash off contact area with water.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water Foam Carbon dioxide (CO₂) Dry powder.

Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards

Hydrogen chloride gas, Sodium oxides, Not combustible.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further Information

Suppress (knock down) gases/vapors/mists with a water spray jet.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe vapors, mists or gases.

Evacuate the danger area, observe emergency procedures, and consult an expert.

6.2 Environmental precautions

Do not allow product to enter the drain.

6.3 Cleaning methods

Dilute with a large quantity of water.

Keep in suitable closed containers for disposal.
Clean up the affected area.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7. Handling and Storage

7.1 Precautions for safe Handling

Avoid contact with eyes. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and upright in a dry and well-ventilated place.
Store at ambient or lower temperature.
Protect against physical damage.

7.3 Specific end use

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8. Exposure controls / personal protection

8.1 Control parameters

Ingredients with workplace control parameters.
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Contains no substances with occupational exposure limit values. Maintain general industrial hygiene practices when using this product.

Personal protective equipment

Eye protection: Use eye protection goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection: Handle with gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands after handling.

Protective impervious clothing should be selected specifically for the working place, depending on the concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Environmental exposure controls

Do not allow product to enter the drain.

SECTION 9. Physical and Chemical properties

9.1 Information on basic physical and chemical properties

(a) Appearance

Colorless and clear liquid

(b) Odor

Odorless

(c) Odor threshold

No data available

(d) pH

No data available

(e) Melting point / freezing point

No data available

(f) Boiling point

No data available

(g) Flash point

No data available

(h) Evaporation rate

No data available

(i) Flammability (solid, gas)

No data available

(j) Upper/lower flammability or explosive limits

No data available

(k) Vapor pressure

No data available

(l) Vapor densit

No data available

(m) Relative density

No data available

(n) Solubility

No data available

(o) Partition coefficientn-octanol/water

No data available

(p) Auto-ignition temperature

No data available

(q) Decomposition temperature

No data available

(r) Viscosity

No data available

(s) Explosive properties

Not classified as explosive

(t) Oxidizing properties

No data available

SECTION 10. Stability and reactivity

10.1 Reactivity

No hazardous reactivity is known for this product or its ingredients

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reactions when handled and stored according to provisions

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Ambient fire may liberate hazardous vapors

SECTION 11. Toxicological information

(a) Acute oral and inhalation toxicity

No data available

(b) Skin corrosion/Irritation

No data available

(c) Serious eye damage/irritation

No data available

(d) Respiratory or skin sensitization

No data available

(e) Germ cell mutagenicity

No data available

(f) Carcinogenicity

No data available

(g) Reproductive toxicity

No data available

(h) Specific target organ toxicity (single exposure)

No data available

(i) Specific target organ toxicity (repeated exposure)

No data available

(j) Aspiration hazard

No data available

SECTION 12. Ecological information

12.1 Toxicity: No data available

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative 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

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Product / Packaging disposal

Waste material must be disposed of in accordance with the national and local regulations.

Leave chemicals in original containers.

SECTION 14. Transport information

Land Transport (ADR/RID)

14.1 UN number: Not applicable

14.2 Proper shipping name: Non dangerous goods

14.3 Class: Not applicable

14.4 Packing group: Not applicable
14.5 Environmentally hazardous: No
14.6 Special precautions for user: No
Tunnel restriction code: Not applicable
Inland waterway transport (ADN): Not applicable

Air Transport (IATA)

14.1 UN number: Not applicable
14.2 Proper shipping name: Non dangerous goods
14.3 Class: Not applicable
14.4 Packing group: Not applicable

14.5 Environmentally hazardous: No
14.6 Special precautions for user: No

Sea Transport (IMDG)

14.1 UN number: Not applicable
14.2 Proper shipping name: Non dangerous goods
14.3 Class: Not applicable
14.4 Packing group: Not applicable
14.5 Environmentally hazardous: No
14.6 Special precautions for user: No
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet is in accordance with the Regulation (EC) No. 1907/2006

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.