

# 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 (CO<sub>2</sub>) Dry power.

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 density

No data available

### (m) Relative density

No data available

### (n) Solubility

No data available

### (o) Partition coefficient<sub>n-octanol/water</sub>

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

<b>SECTION 10. Stability and reactivity</b>
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**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

<b>SECTION 11. Toxicological information</b>
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**(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

<b>SECTION 12. Ecological information</b>
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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

<b>SECTION 13. Disposal considerations</b>
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**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.

<b>SECTION 14. Transport information</b>
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**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

<b>SECTION 15. Regulatory information</b>
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#### **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.