

SAFETY DATA SHEET

Revision date: 2026/03/17

According to UN GHS

ProSilience™ HU58™

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

1.1. Product identifier

Product Name ProSilience™ HU58™

Product Code 6966000-0000

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

Probiotics

1.3. Details of the supplier of the safety data sheet

Novozymes North America, Inc. 77 Perry Chapel Church Rd., Box 576 Franklinton, NC 27525 E-mail: SafetyDataSheet@novozymes.com www.novozymes.com

1.4. Emergency telephone number

1-800-424-9300 (Chemtrec) 24 hours every day

Initial Supplier Identifier
Données relatives au fournisseur

Univar Solutions Canada Ltd.

64 Arrow Road
North York, ON M9M 2L9
Telephone: 1-866-686-4827

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

2.2. Label elements

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Signal word

none

Precautionary Statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P312 - Call a POISON CENTRE/doctor/physician if you feel unwell

2.3. Other hazards

Human health effects

This product has no known adverse effect on human health

May cause irritation to respiratory tract due to inhalation of dust

Physical and Chemical Hazards

None known

Specific hazards

None known

SECTION 3: Composition/information on ingredients

Microbial culture

Dextrin

Viable bacteria culture

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Effects

Dust may irritate respiratory tracts

Symptoms

Shortness of breath, wheezing and coughing

The effect of inhalation may be delayed

First Aid

Remove person to fresh air. If signs/symptoms continue, get medical attention

Show this safety data sheet to the doctor in attendance

Skin Contact

Effects

No information available

Symptoms

No information available

First Aid

Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

Eye Contact

Effects

May cause slight irritation

Symptoms

Redness

First Aid

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.

Ingestion

Effects

No information available

Symptoms

No information available

First Aid

Rinse mouth with water and drink plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

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

See section 4.1

4.3. Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

None.

Hazardous Combustion Products

None.

5.2. Special hazards arising from the substance or mixture

No information available

5.3. Advice for firefighters

Self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation

Avoid contact with the skin and the eyes

6.2. Environmental precautions

Collect spillage

6.3. Methods and material for containment and cleaning up

Avoid formation of dust and aerosols

Avoid dust formation

Sweep up or vacuum up spillage and collect in suitable container for disposal

6.4. Reference to other sections

For personal protection see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice

Avoid dust formation

Take precautionary measures against static discharges

May form combustible dust concentrations in air

Ensure adequate ventilation

This product is formulated to prevent formation of dust

However, inappropriate handling may release dust

This product is fine powder product. Dust exposure is to be expected during handling. Wear appropriate mask protection see section 8.

Refer to guidance document on 'Safe-handling of Novozymes microbial products'

7.2. Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place

The product can be transported at ambient temperature. Following delivery, the product should be stored as recommended.

0-30°C (32-86°F)

7.3. Specific end use(s)

No special precautions required

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not applicable

8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Respiratory protection	In case of insufficient ventilation, wear an approved mask with a particle filter type in accordance with local regulations and follow the manufacturer's instructions
Eye Protection	Wear safety glasses with side shields (or goggles)
Skin Protection	Not required
Hand Protection	Skin should be washed after contact

General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	Local authorities should be advised if significant spillages cannot be contained

Waste water should be discharged to sewage treatment plant

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Powder
Colour	White to off-white
Odour	No information available
Melting point / freezing point	No information available
Boiling point or initial boiling point and boiling range	No information available
Flammability	No information available
Lower and upper explosion limit/flammability limit	No information available
Flash Point	Not applicable
Autoignition temperature	No information available
Decomposition temperature	No information available
pH	No information available No data available
Kinematic viscosity	No information available
Solubility	Readily soluble in application-relevant solutions at all levels of concentration, temperature and pH which may occur in normal usage.
Partition Coefficient (n-octanol/water)	No information available
Vapour Pressure	No information available
Density (g/ml)	1
Relative vapour density	No information available
Particle characteristics	No information available

9.2. Other information

Other information	No information available
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SECTION 10: Stability and reactivity

10.1. Reactivity

None known

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

Like most organic material in powder form, the product can form explosive dust-air mixtures when finely dispersed in air

10.4. Conditions to avoid

Avoid destruction of granulate

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in UN GHS guideline

This product has no known adverse effect on human health

Ingestion

May cause gastrointestinal discomfort if consumed in large amounts

Skin contact

Contact with dust can cause mechanical irritation or drying of the skin

Eye contact

Dust contact with the eyes can lead to mechanical irritation

Inhalation

Inhalation of dust in high concentration may cause irritation of respiratory system

11.2. Information on other hazards

Endocrine disrupting properties

No information available

Other information

No information available

SECTION 12: Ecological information

12.1. Toxicity

Contains no hazardous ingredients according to GHS

12.2. Persistence and degradability

Inherently biodegradable

12.3. Bioaccumulative potential

Bioaccumulation is unlikely

12.4. Mobility in soil

Not relevant

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations

Waste water should be discharged to sewage treatment plant

Waste codes should be assigned by the user based on the application for which the product was used

SECTION 14: Transport information

14.1

UN number or ID number Not relevant

14.2

UN proper shipping name Not applicable

14.3

Transport hazard class(es) Not applicable

14.4

Packing group Not applicable

14.5

Environmental hazards Not applicable

14.6

Special precautions for user Not applicable

14.7

Maritime transport in bulk according to IMO instruments Not applicable

International Regulations

IATA Not regulated

IMDG Not regulated

SECTION 15: Regulatory information

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

For food application.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Further information

This SDS is compiled according to UN GHS guideline rev. 7.

Training advice

Refer to guidance document on 'Safe-handling of Novozymes microbial products'

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Novozymes, it is the responsibility of the customer to determine the conditions of safe use of these products.

End of Safety Data Sheet

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