

SAFETY DATA SHEET

Microbank

SECTION 1: IDENTIFICATION

1.1. Product identifier

- ▼ *Trade name:* Microbank
- ▼ *Other names / Synonyms:* Microbank is available in the following formats:
 PL.170C - Microbank with 2D Barcodes
 PL.160 - Microbank Singles
 PL.173 - Microbank Broth Only
 PL.163 - Microbank Broth Only Singles
 All formats are available in five different colors: Blue, Green, Light Blue, Red and Yellow. Mixed colors are available for PL.170C and PL.173.
- ▼ *Product no.:* PL.170C, PL.160, PL.173, PL.163

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

- ▼ *Relevant identified uses of the substance or mixture:* Laboratory use
 Restricted to professional and industrial use.
- Uses advised against :* None known.

1.3. Details of the supplier of the safety data sheet

- Company and address:* **Pro-Lab Diagnostics**
 20 Mural Street, Unit 4
 L4B 1K3 Richmond Hill, ON
 Canada
 Tel: +1-800-268-2341
 Fax: +1-905-731-0206
 www.pro-lab.com
- E-mail:* support@pro-lab.com
- SDS date:* 12/9/2025
- SDS Version:* 2.0
- Date of previous version:* 6/24/2024 (1.0)

1.4. Emergency telephone number

- In an emergency call 911
- Alberta / Northwestern Territories (PADIS): 1-800-332-1414
- British Columbia (DPIC): 1-800-567-8911
- Manitoba: 1-855-7POISON (1-855-776-4766)
- New Brunswick: 911
- Nova Scotia / Prince Edward Island (IWK): 1-800-565-8161
- Ontario (OPC): 1-800-268-9017
- Québec (CAPQ): 1-800-463-5060
- Saskatchewan (PADIS): 1-866-454-1212

Yukon Territory: (867) 393-8700
 Transport emergencies: Call CANUTEC at 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone (24 hours)
 See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

2.2. Label elements

<i>Hazard pictogram(s):</i>	Not applicable.
<i>Signal word:</i>	Not applicable.
<i>Hazard statement(s):</i>	
<i>Precautionary statement(s):</i>	
▼ <i>General:</i>	Not applicable.
▼ <i>Prevention:</i>	Not applicable.
▼ <i>Response:</i>	Not applicable.
▼ <i>Storage:</i>	Not applicable.
▼ <i>Disposal:</i>	Not applicable.
▼ <i>Hazardous substances:</i>	Does not contain any substances required to report

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Does not contain any substances required to report

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: FIRST-AID MEASURES

4.1. ▼ Description of first aid measures

<i>General information:</i>	If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an
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- unconscious person water or other drink.
- ▼ *Inhalation:* Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
 - ▼ *Skin contact:* Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
 - ▼ *Eye contact:* If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
 - ▼ *Ingestion:* If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
 - Burns:* Not applicable.

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

None known.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

5.3. ▼ Advice for firefighters

No specific requirements.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼ Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Keep only in original packaging.

Storage conditions: Room temperature (15° to 30°C).

Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. ▼ Control parameters

ALBERTA

Sucrose

Long term exposure limit (8 hours) (mg/m³): 10

Glycerol

Long term exposure limit (8 hours) (mg/m³): 10

Annotations:

3 = Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

BRITISH COLUMBIA

Sucrose

Time-Weighted Average Limit (TWA): 10 mg/m³

Annotations:

N = The 8-hour TWA is for the total dust. The substance also has an 8-hour TWA of 3 mg/m³ for the respirable fraction.

Glycerol

Time-Weighted Average Limit (TWA): 10 mg/m³ (total / totale) ; 3 mg/m³ (respirable)

OHS Regulation Part 5: Chemical Agents and Biological Agents.

ONTARIO

Sucrose

Time-Weighted Average Limit (TWA): 10 mg/m³

Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario

Regulation 490/09 (Designated Substances)

QUEBEC

Sucrose

Long term exposure limit (8 hours) (mg/m³): 10

Glycerol

Long term exposure limit (8 hours) (mg/m³): 10

Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

SASKATCHEWAN

Sucrose

Long term exposure limit (8 hours) (mg/m³): 10

Short term exposure limit (15 minutes) (mg/m³): 20

Glycerol

Long term exposure limit (8 hours) (mg/m³): 10

Short term exposure limit (15 minutes) (mg/m³): 20

The Occupational Health and Safety Regulations, 2020, Chapter S15.1 Reg 10.

8.2. ▼ Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product.
Avoid inhalation of vapours.

▼ *Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment


Generally:

Use only protective equipment with a recognized certification mark, e.g. the UL mark.


▼ *Respiratory Equipment:*

No specific requirements.


Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	-	-	EN374-2	

Eye protection:

Type	Standards	
Safety glasses	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

▼ *Colour:*

Pale yellow

▼ *Odour:*

No data available.

▼ *Odour threshold (ppm):*

No data available.

▼ *pH:*

No data available.

▼ *Density (g/cm³):*

No data available.

▼ *Kinematic viscosity:*

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

▼ <i>Melting point/Freezing point (°C):</i>	No data available.
<i>Softening point/range (°F):</i>	Does not apply to liquids.
▼ <i>Boiling point (°C):</i>	No data available.
▼ <i>Vapour pressure:</i>	No data available.
▼ <i>Relative vapour density:</i>	No data available.
▼ <i>Decomposition temperature (°C):</i>	No data available.

Data on fire and explosion hazards

▼ <i>Flash point (°C):</i>	No data available.
▼ <i>Flammability (°C):</i>	No data available.
▼ <i>Auto-ignition temperature (°C):</i>	No data available.
▼ <i>Explosion limits (% v/v):</i>	No data available.

Solubility

▼ <i>Solubility in water:</i>	No data available.
▼ <i>n-octanol/water coefficient (LogKow):</i>	No data available.
▼ <i>Solubility in fat (g/L):</i>	No data available.

9.2. Other information

<i>Other physical and chemical parameters:</i>	No data available.
<i>Oxidizing properties:</i>	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. ▼ Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

▼ Acute toxicity

Based on available data for the mixture, the classification criteria are not met.

▼ **Skin corrosion/irritation**

Based on available data for the mixture, the classification criteria are not met.

▼ **Serious eye damage/irritation**

Based on available data for the mixture, the classification criteria are not met.

▼ **Respiratory sensitisation**

Based on available data for the mixture, the classification criteria are not met.

▼ **Skin sensitisation**

Based on available data for the mixture, the classification criteria are not met.

▼ **Germ cell mutagenicity**

Based on available data for the mixture, the classification criteria are not met.

▼ **Carcinogenicity**

Based on available data for the mixture, the classification criteria are not met.

▼ **Reproductive toxicity**

Based on available data for the mixture, the classification criteria are not met.

▼ **STOT-single exposure**

Based on available data for the mixture, the classification criteria are not met.

▼ **STOT-repeated exposure**

Based on available data for the mixture, the classification criteria are not met.

▼ **Aspiration hazard**

Based on available data for the mixture, the classification criteria are not met.

Long term effects

None known.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼ Toxicity

Based on available data for the mixture, the classification criteria are not met.

12.2. ▼ Persistence and degradability

Based on available data for the mixture, the classification criteria are not met.

12.3. ▼ Bioaccumulative potential

Based on available data for the mixture, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
TDG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to TDG, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

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

15.2. ▼ Canadian lists

NDSL: None of the components are listed

▼ *DSL:* Sucrose
Glycerol

15.4. ▼ Restrictions for application

Restricted to professional and industrial use.

15.5. Demands for specific education

No specific requirements.

Additional information

Not applicable.

15.7. Chemical safety assessment

No

Sources

Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

SECTION 16: OTHER INFORMATION

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ANSI = American National Standards Institute
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 CAS = Chemical Abstracts Service
 DSL = Domestic Substances List
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 HHNOC = Health Hazards Not Otherwise Classified
 IARC = International Agency for Research on Cancer
 IATA = International Air Transport Association
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 NDSL = Non-domestic substances list
 OECD = Organisation for Economic Co-operation and Development
 PBT = Persistent, Bioaccumulative and Toxic
 PHNOC = Physical Hazards Not Otherwise Classified
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
 SCL = A specific concentration limit.
 SOR = Statutory Orders and Regulations
 STEL = Short-term exposure limits
 STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
 STOT-SE = Specific Target Organ Toxicity - Single Exposure
 TDG = Transportation of Dangerous Goods
 TWA = Time weighted average
 UN = United Nations
 UVBC = Unknown or variable composition, complex reaction products or of biological materials
 VOC = Volatile Organic Compound
 vPvB = Very Persistent and Very Bioaccumulative
 WHIMS = Workplace Hazardous Materials Information System

▼ Additional information

Not applicable.

The safety data sheet is validated by

Pro-Lab Diagnostics

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: CA-en