

Safety Data Sheet

Revision Date: 15 NOV 2023

24 Hour Emergency #: 1-800-255-3924

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Non-Fat Dry Milk
CATALOG NUMBER: A 614 - 1000; A 614 - 1005, A 614 - 1001
CHEMICAL NAME: Powdered milk

Company/Undertaking Identification

Quality Biological Inc.
7581 Lindbergh Drive
Gaithersburg, MD 20879
301-840-9331

2. HAZARDS IDENTIFICATION**Hazardous/Non-hazardous Components**

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution.

Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

Product should be treated as a chemical and is not for consumption as it has been stored with other nonfood-grade chemicals.

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health for the general population. NOTE: The product contains milk proteins and fats which may be hazardous to individuals with milk allergies.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Powdered milk - nonfat	None established	Mixture of proteins and fats	N/A	



HMS

Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES

Skin contact	Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.
Eye contact	Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.
Ingestion	Never give anything by mouth to an unconscious person.
Inhalation	If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

General: Nonflammable Solid. During a fire, irritating and toxic gases may be generated by thermal decomposition.

Extinguishing Media: Substance is non-combustible, use most readily available; Water Spray, Carbon Dioxide, dry chemical powder or appropriate foam.

Autoignition Temperature: N/A

Explosion limits: N/A

Flash Point: Not Available

6. ACCIDENTAL RELEASE MEASURES

Use Personal Protective Equipment: Including Chemical Splash Goggles, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure.

Spills and Leaks: Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate the area and wash spill site after material pickup is complete. Clean up spills immediately, observing precautions in Sections 6 and 8.

7. HANDLING AND STORAGE

<u>Handling</u>	No special handling advice required
<u>Storage</u>	Store in a tightly closed container at 15°-30°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid contact with eyes. Wash hands thoroughly after handling.



General Information

Form

Powder

Important Health Safety and Environmental Information

Boiling point/range	°C No data available	°F No data available
Melting point/range	°C No data available	°F No data available
Flash point	°C No data available	°F No data available
Autoignition temperature	°C No data available	°F No data available
Oxidizing properties	No information available	No
Water solubility	data available	

9. PHYSICAL AND CHEMICAL PROPERTIES

White to off-white granular powder. Mild characteristic odor.
Dehydrated cow's milk.
Soluble: Readily forms an emulsion when mixed with water.
Not for human consumption.

10. STABILITY AND REACTIVITY

Stability	Stable.
Materials to avoid	No information available.
Hazardous decomposition products	No information available
Polymerization	No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Principle Routes of Exposure/ Potential Health effects

Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available

Specific effects

Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available

Target Organ Effects

No information available

12. ECOLOGICAL INFORMATION

No Information found.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION**IATA**

Proper shipping name	Not classified as dangerous in the meaning of transport regulations.
Hazard Class	N/A
Subsidiary Class	N/A
Packing group	N/A
UN-No	N/A

15. REGULATORY INFORMATION**Not listed****U.S. State Regulations****California Proposition 65**

This product does not contain chemicals listed under Proposition 65

WHMIS hazard class:

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT; HOWEVER, IT MAY NOT BE ALL INCLUSIVE. THIS INFORMATION SHOULD BE USED ONLY AS A GUIDE. QUALITY BIOLOGICAL, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM THE HANDLING OR CONTACT WITH THE ABOVE PRODUCT.

End of Safety Data Sheet