

Safety Data Sheet

Blue Edible Luster Dust

LusterDust.com

Revision 1.0 · Issued 2026-10-10

Prepared under OSHA HazCom (29 CFR 1910.1200)

1. Identification

Product name	Blue Edible Luster Dust (edible glitter)
Product code	F8014
Recommended use	Decorating food and beverages
Restrictions on use	Avoid creating or breathing dust
Supplier	LusterDust.com 3339 N Main St Ext, Jamestown, NY 14701, USA Phone: 716-416-8460
Emergency phone	716-490-7205

2. Hazard(s) identification



Classification: Carcinogenicity, Category 2 (inhalation)

Signal word: Warning

Hazard statement: H351 Suspected of causing cancer if inhaled.

Precautionary statements: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves and eye protection. P308+P313 If exposed or concerned: get medical advice. P405 Store locked up. P501 Dispose of contents and container in accordance with local regulations.

Note: The classification is based on titanium dioxide and relates to inhalation of airborne dust.

3. Composition / information on ingredients

Mixture. Label ingredients: Mica-based pearlescent pigments, FD&C Blue No. 1.

Ingredient	CAS No.	Classification
Mica	12001-26-2	Not classified
Titanium dioxide	13463-67-7	Carcinogenicity, Category 2 (inhalation)
FD&C Blue No. 1	3844-45-9	Not classified

Exact percentages are withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Get medical attention if symptoms appear.
Skin contact	Wash skin with water. Get medical attention if redness or soreness persists.
Eye contact	Rinse immediately with plenty of water for at least 15 minutes, holding the eye open. Remove contact lenses if easy to do. Get medical attention.
Ingestion	Rinse mouth with water if the person is conscious. Do not induce vomiting. Call a physician or poison control center.
Most important symptoms	Suspected of causing cancer if inhaled.

5. Fire-fighting measures

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Suitable extinguishing media	Dry chemical
Unsuitable extinguishing media	Water in a full jet
Advice for firefighters	Wear self-contained breathing apparatus and protective equipment. Cool containers with water spray.

6. Accidental release measures

Personal precautions	Avoid creating dust. Ventilate the area. Wear suitable protective clothing.
Environmental precautions	Do not flush into surface water or sewers.
Clean-up	Sweep or vacuum up without raising dust and place in a labeled, closed container for disposal.

7. Handling and storage

Safe handling	Avoid creating and breathing dust. Do not overheat. Wash hands after handling. Do not eat, drink or smoke in bulk handling areas.
Storage	Keep in the original, tightly closed container in a cool, dry, well-ventilated place. Keep away from strong oxidizing agents.

8. Exposure controls / personal protection

Ingredient	Exposure limits
Titanium dioxide	OSHA PEL: 15 mg/m ³ (total dust). Ireland OEL: 10 mg/m ³ inhalable, 4 mg/m ³ respirable.
Mica	ACGIH TLV: 3 mg/m ³ (respirable fraction). Ireland OEL: 3 mg/m ³ (respirable fraction).
Engineering controls	Use adequate ventilation when handling bulk quantities.
Eye protection	Safety goggles when handling bulk powder.
Hand protection	Impervious gloves for bulk handling.
Respiratory protection	Use a suitable dust respirator if dust is generated.

9. Physical and chemical properties

Appearance	Blue glitter powder
Particle size	50–500 µm
Odor	Odorless
Density	2.8–3.4 g/cm ³
Water solubility	Not available
Flash point	Not applicable

10. Stability and reactivity

Reactivity	Stable under normal storage and handling conditions.
Hazardous reactions	None known.
Incompatible materials	Strong oxidizing agents.

Hazardous decomposition products

Not available.

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11. Toxicological information

Acute oral toxicity	Titanium dioxide: LD50 (oral, rat) greater than 2,000 mg/kg.
Skin and eye irritation	Not classified.
Sensitization	Not classified.
Carcinogenicity	Titanium dioxide is classified by IARC as Group 2B, possibly carcinogenic to humans, based on inhalation studies. Not listed by NTP. Not regulated as a carcinogen by OSHA.
Other target organ toxicity	Not classified.

12. Ecological information

Titanium dioxide: LC50 (48 h, crustacea) greater than 100 mg/L. NOEC (fish) at least 160 mg/L. Does not contain substances assessed as PBT or vPvB.

13. Disposal considerations

Dispose of in accordance with all applicable local, state and federal regulations.

14. Transport information

Not regulated as a dangerous good for DOT, IMDG or IATA transport.

15. Regulatory information

FDA color additive regulations	Titanium dioxide-coated mica (mica-based pearlescent pigments): 21 CFR 73.350; FD&C Blue No. 1: 21 CFR 74.101
California Proposition 65	This product contains titanium dioxide (airborne, unbound particles of respirable size), a chemical known to the State of California to cause cancer.

16. Other information

Prepared by LusterDust.com. Revision 1.0, issued 2026-10-10. Based on the manufacturer's safety data sheet (version 1.0, dated 2026-01-30), which is kept on file.

The information in this sheet is believed to be accurate as of the date issued. It is provided without warranty and is intended to help users handle the product safely.