



## Blue No. 1 FD&C Lake

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 11-10-2016  
Supersedes: None

**Product Name:** Blue No. 1 FD&C Lake  
**Synonyms:** CI 42090 (blue no. 1 FD&C lake)  
**INCI Name:** CI 42090 (blue no. 1 FD&C lake)  
**CAS Number:** 68921-42-6  
**Formula:** Not available  
**Product Form:** Solid (powder)  
**Product Use:** Cosmetic use

### HAZARDS IDENTIFICATION

**GHS Classification:** Not classified  
**GHS Labeling:** Not classified  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** None  
**GHS Precautionary Statements:** None  
**Potential Health Hazards:** Eyes: May be irritant.  
Inhalation: May be irritant.  
Skin: May be irritant.  
Ingestion: May be irritant.

**NFPA Ratings (704):**

Health	2	Moderate
Flammability	1	Mild
Reactivity	0	Minimal
Specific Hazard	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
CI 42090	68921-42-6	N/A	792.84 g/mole

### 4 FIRST AID MEASURES

**Eyes:** Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if symptoms occur.  
**Inhalation:** Remove victim to fresh air. Seek medical attention if symptoms occur. **Skin:** Wash skin with soap and water. Seek medical attention if symptoms occur. **Ingestion:** Give water. Do not induce vomiting. Seek medical attention if symptoms occur.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Use extinguishing media appropriate for surrounding.  
**Special protective equipment & precautions for firefighters:** Firefighters should wear full protective clothing including self-contained breathing Apparatus.  
**Flash Points:** Data not available.  
**Specific hazards arising from the chemical:** Data not available



**ACCIDENTAL RELEASE**

**MEASURES**

**Personal precautions, protective equipment & emergency procedures:**

See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions: Methods and material for containment and cleaning up:**

Prevent entry into waterways, sewers, basements or confined areas. Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Surface may become slippery after spillage. Use vacuum or broom and remove to disposal container.

**HANDLING & STORAGE**

**Precautions for safe handling:**

Handle in accordance with good industrial hygiene and safety practices.

**Conditions for safe storage, incl. any incompatibilities:**

Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
CI 42090	N/A		
TWA: Time Weighted Average over 8 hours of work. TLV: Threshold Limit Value over 8 hours of work. REL: Recommended Exposure Limit PEL: Permissible Exposure Limit		STEL: Short Term Exposure Limit during x minutes. IDLH: Immediately Dangerous to Life or Health WEEL: Workplace Environmental Exposure Levels CEIL: Ceiling	

**Personal Protection:**

- Eyes:** Safety glasses, goggles, or face shield recommended for eye protection.
- Inhalation:** Appropriate NIOSH approved respiratory protection should be worn.
- Body:** Gloves and protective clothing should be worn to prevent prolonged skin contact.
- Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance, Physical State:</b>	Solid (powder)	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	Blue	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	792.84 g/mole	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (1% sol. in water)</b>	Not available	<b>Solubility:</b>	Insoluble in water
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	Not available
<b>Melting Point (Decomposition):</b>	283 °C (541.4 °F)	<b>Specific Gravity:</b>	0.65 (Water = 1)

**10 STABILITY AND REACTIVITY**

- Reactivity:** Stable under normal conditions.
- Chemical Stability:** Stable under normal conditions.
- Hazardous Polymerization:** Will not occur.
- Conditions to Avoid:** Not available.
- Incompatible Materials:** Strong reducing/oxidizing agents destroy the dye.
- Hazardous Decomposition Products:** None known.



**TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity:</b>	Not available
<b>Skin:</b>	Non-Irritant
<b>Eyes:</b>	Non-Irritant
<b>Respiratory:</b>	Possible Irritant
<b>Ingestion:</b>	Possible Irritant
<b>Carcinogenicity:</b>	Not classifiable for human by IARC
<b>Teratogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Embryotoxicity:</b>	Not available
<b>Specific Target Organ Toxicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>Respiratory/Skin Sensitization:</b>	Not available

**12 ECOLOGICAL INFORMATION**

**Ecotoxicity**

<b>Aquatic Vertebrate:</b>	Not available
<b>Aquatic Invertebrate:</b>	Not available
<b>Terrestrial:</b>	Not available
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	Not available

**13 DISPOSAL CONSIDERATIONS**

**Waste Residues:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

**Product Containers:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

**14 TRANSPORT INFORMATION**

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated
<b>IATA (International Air Transport Association):</b>	Not regulated
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated

**15 REGULATORY INFORMATION**

<b>TSCA Inventory Status:</b>	Listed as CI 42090
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>DOT (USA):</b>	Not regulated under DOT
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)

**16 OTHER INFORMATION**

**Revision Date:** 11-10-2016

**JND Beauty Supplies**



JND Beauty Supplies Inc.  
736 Oxford St. West London  
On. Canada  
5194718165