

## Ultramarine Blue

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

Revision Date: 10-Jun-2021  
Supersedes: 04-Nov-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Ultramarine Blue	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	CI 77007 (Ultramarine blue)	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	57455-37-5	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Powder		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Combustible dust  
**Signal Word:** **WARNING**  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** May form combustible dust concentrations in air.  
**GHS Precautionary Statements:** None  
**Potential Health Hazards:** Eyes: Not expected to be irritant.  
 Inhalation: Not expected to be irritant.  
 Skin: Not expected to be irritant. Skin may discolor due to contact with pigment.  
 Ingestion: Not expected to be irritant.

**NFPA Ratings (704):**

Health	1	Slight
Flammability	0	Minimal
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 77007 (Ultramarine blue)	57455-37-5	Not Available	Not Available

No hazardous components found under applicable regulations.  
 Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits. Exact percentage values for components are proprietary in accordance with 29 CFR 1910.1200(i).

### 4 FIRST AID MEASURES

**Eyes:** Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

**Inhalation:** If affected, remove to fresh air. Get medical attention if symptoms occur.

**Skin:** Wash the affected area thoroughly with plenty of soap and water. Get medical attention if symptoms occur.

**Ingestion:** Get medical attention if symptoms occur. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person.

**General:** If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention. Treat symptomatically.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (carbon dioxide, foam, dry chemical, water) for adjacent fire. Avoid hose streams or any method which will create dust

<b>Special protective equipment &amp; precautions for firefighters:</b>	clouds. Avoid hose streams or any method which will create dust clouds. Wear self-contained, approved breathing apparatus (SCBA) equipped with full face piece and operated in pressure-demand mode (or other positive pressure mode) and full protective clothing, including eye protection and boots. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning, or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.
<b>Flash Points:</b>	No data available
<b>Specific hazards arising from the chemical:</b>	Concentrated dust/air combinations may produce explosive conditions. Dust suspended in air in critical proportions and in the presence of an ignition source may be ignited by electrical arcs, sparks, welding torches, open flame, or other significant heat sources including, possibly, electrostatic discharge. Irritating or toxic substances may be emitted upon burning, combustion, or decomposition. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate. Avoid raising powdered material due to explosion hazard. Use spark-proof and explosion-proof equipment. If inhalation of dust cannot be avoided, wear an approved particulate respirator.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
<b>Methods and material for containment and cleaning up:</b>	Contain spill. Wear proper personal protective clothing and equipment. Using care to avoid dust generation, vacuum or sweep into a closed container for reuse or disposal. Use approved industrial vacuum cleaner for removal. Avoid causing dust. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and laundry before reuse.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	As with any chemical product, use good laboratory/workplace procedures. Wash thoroughly after handling this product. Always wash up before eating, smoking, or using the facilities. Use under well-ventilated conditions. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid drinking, tasting, swallowing, or ingesting this product. Avoid routing inhalation of dust of any kind. Exercise care when emptying containers, sweeping, mixing, or doing other tasks which can create dust. Wash contaminated clothing before reuse. Provide eyewash fountains and safety showers in the work area. As a precaution to control dust explosion potential, implement the following safety measures: Eliminate ignition sources (e.g., sparks, static buildup, excessive heat, etc.). Use spark-proof tools and equipment. Bond, ground, and properly vent conveyors, dust control devices, and other transfer equipment. Prohibit flow of polymer, powder, or dust through non-conductive dusts, vacuum hoses, or pipes, etc.; only use grounded, electrically conductive transfer lines when pneumatically conveying product. Good housekeeping and controlling of dusts are necessary for safe handling of product. Prevent accumulation of dust (e.g., well-ventilated conditions, promptly vacuuming spills, cleaning overhead horizontal surfaces, etc.). A properly engineered explosion suppression system must be considered. See standards such as the National Fire Protection Association NFPA 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids"; NFPA 69 "Standard on Explosion Prevention Systems"; NFPA 68 "Standard on Explosion Protection by Deflagration Venting"; NFPA 77, "Recommended Practice on Static Electricity" and other standards as the need exists. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store cool and dry, under well-ventilated conditions. Keep away from incompatible materials (see section 10 for incompatibilities). Do not store in open, unlabeled, or mislabeled containers. Keep containers closed when not in use.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Ultramarine Blue	10 mg/m <sup>3</sup>	TWA (inhalable particles)	ACGIH

3 mg/m <sup>3</sup>	TWA (respirable particles)	ACGIH
15 mg/m <sup>3</sup>	TWA (total dust)	OSHA
5 mg/m <sup>3</sup>	TWA (respirable fraction)	OSHA

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 should be worn.
- Inhalation:** Always provide effective general and, when necessary, local exhaust ventilation to draw dust away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Respiratory protection is not needed with proper ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. If inhalation of dust cannot be avoided, wear an approved particulate respirator. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910/134 (29CFR).
- Body:** Wear protective gloves. Use good laboratory/workplace procedures including personal protective clothing: labcoat, safety glasses, and protective gloves.
- Other:** Eliminate ignition sources (e.g., sparks, static buildup, excessive heat, etc.). Use spark-proof tools and equipment. Prohibit flow of polymer, powder, or dust through non-conductive dusts, vacuum hoses, or pipes, etc. Bond, ground, and properly vent conveyors, dust control devices, and other transfer equipment. (Ventilation guidelines/techniques may be found in publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, OH, 42540-1634, USA.) (<http://www.acgih.org/home.htm>). Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Powder	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	None	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Blue	<b>Flammability:</b>	Not flammable
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	Insoluble
<b>Relative Density:</b>	2.35	<b>Auto-ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	Not explosive
<b>Oxidizing Properties:</b>	Not oxidizing	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

- Reactivity:** None known.
- Chemical Stability:** This product is stable.
- Hazardous Polymerization:** Hazardous polymerization will not occur.
- Conditions to Avoid:** At temperatures above 400°C in the presence of air, sulphur dioxide (SO<sub>2</sub>) gas can be released. Avoid dust formation.
- Incompatible Materials:** Avoid strong acids and oxidizing agents.
- Hazardous Decomposition Products:** Sulfur dioxide. Hydrogen sulfide may be released in contact with acids. Hydrogen sulfide gas.

## 11 TOXICOLOGICAL INFORMATION

- Acute Toxicity:** No data available
- Skin:** LD50: >2000 mg/kg  
Repeated or prolonged skin contact may cause irritation.
- Eyes:** Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation.

<b>Respiratory:</b>	Dust inhalation may cause respiratory irritation.
<b>Ingestion:</b>	LD50: >5000 mg/kg Ingestion may cause irritation.
<b>Carcinogenicity:</b>	Not classified as carcinogen by IARC (Group 1 or 2), NTP, OSHA, or ACGIH.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	Not classified.
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	Not classified.
<b>Reproductive Toxicity:</b>	Not classified.
<b>Respiratory/Skin Sensitization:</b>	Not classified.
<b>Corrosivity:</b>	Not classified (based on available data, the classification criteria are not met).
<b>Sensitization:</b>	No data available
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	Not classified.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	No data available
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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 for transport
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated for transport
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated for transport
<b>IATA (International Air Transport Association):</b>	Not regulated for transport
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated for transport
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	This product is not subject to TSCA Section 12(b) reporting requirements.
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.
<b>DSL/NDSL (Canada):</b>	DSL: Yes NDSL: No
<b>EU EINECS/ELINCS/NLP:</b>	EINECS: Yes ELINCS: No
<b>China IECSC:</b>	Yes

<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	Yes
<b>Japan ENCS:</b>	Yes
<b>Japan ISHL:</b>	Yes
<b>Philippines PICCS:</b>	Yes
<b>Korea KECL:</b>	Yes
<b>New Zealand NZIoC:</b>	Yes
<b>Taiwan Inventory of Existing Chemicals:</b>	Yes
<b>OSHA:</b>	This SDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
<b>CERCLA Reportable Quantity:</b>	Not applicable
<b>SARA Section 313:</b>	This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372: None known.
<b>California Prop 65:</b>	No ingredients known to be present or none in reportable amounts for occupation exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 Jun 1997.
<b>Mexico Regulations/Legislation:</b>	This SDS contains the information required by NOM-018-STPS-2000 Workplace Hazardous Chemical Substances Communication and Identification Standard.
<b>Europe REACH (EC) 1907/2006:</b>	Not all applicable components are pre-registered or registered. REACH is only relevant to substances either manufactured or imported into the EU. REACH information regarding this product is provided for information purposes only. Each Legal Entity may have differing REACH obligations, depending on their place in the supply chain. For material manufactured outside the EU, the importer of record must understand and meet their specific obligations under the regulation.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	10-Jun-2021
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.