



## Material Safety Data Sheet

### Product and Company Identification

Product group: Ultramarine Violet Pigment  
 Product code(s): Ultramarine Violet Pigment  
 Used for: Colouring of cosmetic products  
 Supplier name: **Saffire Blue, Inc.**

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## Ultramarine Violet MSDS

1. Product and Company Identification	
Suppliers Product Name	Ultramarine Violet
Common Chemical Name	Ultramarine Violet
Chemical Formula	
INCI Name	Ultramarine Violet
Supplier	Saffire Blue Inc.
CAS No.	12769-96-9
EINECS	N/A
JCLS No.	N/A
2. Composition	
Ingredient Name	Ultramarine Violet
CAS Number	12796-96-9
Per cent	100
Exposure Limits	ACGIH TLV; Not available
Exposure Limits	OSHA STEL; Not available
3. Hazards Identification	
HMIS RATINGS	Health:1, Flamability:0, Reactivity:0
Emergency Overview	Contact with acids liberates hydrogen sulphide, a highly flammable, toxic gas. This risk is greatly reduced with acid resistant grades.
Potential Health Effects: Eyes	May cause mechanical irritation
Potential Health Effects: Skin	None
Potential Health Effects: Inhalation	Low Health Risk by inhalation. Treat as Nuisance Dust

Potential Health Effects: Oral LD <sub>50</sub>	Greater than 10 g/kg (RAT)
Effects of Overexposure: Acute	Causes mechanical skin and eye irritation
Effects of Overexposure: Chronic	Prolonged inhalation of iron oxide dust is known to produce a condition known as siderosis. On X-Rays it appears to be benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis producing materials such as silica. The TLV is set to protect against siderosis.
Carcinogenity	Not listed with NTP, IARC or OSHA as a known or suspected carcinogen.
<b>4. First Aid Measures</b>	
INHALATION	Remove to fresh air. If breathing is laboured or stopped, give artificial respiration. Get medical attention immediately.
INGESTION	If swallowed. dilute with large amounts of water to induce vomiting. Consult a physician.
EYE CONTACT	Flush eyes with plenty of water for at least 15 minutes. Consult a physician if irritation persists.
SKIN CONTACT	Wash with soap and water
<b>5. Fire-Fighting Measures</b>	
Flammable properties	Non-Flammable
Flash Point	None
Flammable Limits	Not applicable
Hazardous combustion products	None
EXTINGUISHING MEDIA;	Use extinguishing agent applicable to surrounding fire. If oxidation starts, the material should be cooled with water to dissipate the heat.
FIRE FIGHTING INSTRUCTIONS	Fire fighters should wear NIOSH approved, positive pressure, self contained breathing apparatus and full protective clothing when appropriate.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS	Violet Ultramarine 775 may be suggest to rapid oxidization if stored at temperatures above 140F
<b>6. Accidental Release Measures</b>	
Small/large spills	Clean up using dry procedures: avoid dusting.
<b>7. Handling and Storage</b>	
Handling	Good industrial hygiene practice requires that employee exposure be maintained below TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.
Storage	Store in a clean, dry area at ambient temperatures in original unopened containers. Conditions of high humidity may require storage in a controlled environment. Store at temperatures well below 140F
<b>8. Exposure Control/Personal Protection</b>	
Engineering Controls	Use with adequate ventilation to meet exposure limits listed in section 2
RESPIRATORY CONTROL	NIOSH approved dust respirator if overexposure potential exists.
Skin Protection	Leather or rubber gloves

Eye Protection	Safety glasses/goggles or face shield recommended.
<b>9. Physical and Chemical Properties</b>	
Appearance	Violet Powder
Boiling Point	Not applicable
Vapour pressure	Not applicable
VAPOR DENSITY	Not applicable
Solubility in water	Insoluble
Specific Gravity	>2.35
pH	6.00 - 8.00
Odour	None
Odour threshold	Not applicable
<b>10. Stability and Reactivity</b>	
STABILITY	Stable
MATERIALS TO AVOID	Strong oxidizers
CONDITIONS TO AVOID	Material is not stable if stored above 140F
HAZARDOUS DECOMPOSITION PRODUCTS	None
HAZARDOUS POLYMERIZATION	None
<b>12. Toxicological Information</b>	
There are no known dangerous acute or chronic effects associated with the use of this material. Acute oral toxicity (LD50): 5000 mg/kg [Rat]. This product is not considered to be known or suspected carcinogenic by NTP, IARC or OSHA.	
Ecological Information	No ecological hazards are associated with this product.
<b>13. Disposal Considerations</b>	
US: Discarded product is not a hazardous waste under RCRA, 40 CFR 261	EC: Dispose of material in accordance with appropriate regulations
<b>14. Transport Information</b>	
Class/Division: not restricted	.
<b>15. Regulatory Information Details</b>	
US: This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such. Do not use for other purposes. EC: This material is not classed as "Dangerous" according to the health and physical properties criteria of the EU Directives on the classification of substances and preparations.	

**Hazard Identification**

The product is not classified as a dangerous substance according to EU Directive 67/548/EEC and its various amendments and adaptations. The product is in the form of a dry, coloured powder and so can present a dust hazard. It has strong pigmenting capability with the associated risk of environmental nuisance if spilled.

**Other Information**

This document does not constitute a product specification sheet and the data given above does not constitute any warranty regarding properties or performance. This Material Safety Data Sheet does not replace the users own workplace risk assessment. Disclaimer: We believe the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of the product are not within the control of the supplier, it is the user's obligation to determine the conditions of safe use of this product.