

Safety Data Sheet

**Lustre
FX**

Hazardous according to Safe Work Australia. Classified as Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: VIOLET FOG

Synonyms

Violet Fog, Flemish Violet

Product Code

1027

Barcode

9356532010279

Recommended use: Chemical patina for creating aged violet effects on metallic surfaces

Supplier: Lustre FX Pty Ltd

ABN: 82 638 855 704

Street Address: 6 Nick Ellis Place
Hume, ACT, 2620

Telephone: (02) 6260 2153

Emergency Telephone number: **Poisons Information Centre: Australia 13 11 26**
New Zealand – 0800 734 607

2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classifications

Acute Toxicity - Oral - Category 4

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Irritation - Category 2A

Hazard Statements

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Prevention Precautionary Statements

P264 Wash hands, face and all exposed skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective clothing, gloves, eye/face protection and respiratory protection.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P330 Rinse mouth

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

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Storage Precautionary Statement

No specific storage precautions allocated.

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Poison Schedule: S5. Caution

DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: 9

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

- (a) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or
- (b) IBCs.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Copper sulphate pentahydrate	7758-99-8	10 - 30 % (w/w)
Basic copper carbonate	12069-69-1	1 - 10 % (w/w)
Selenious acid (H ₂ SeO ₃)	7783-00-8	1 - 10 % (w/w)
Other non-hazardous ingredients		Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre Australia 13 11 26, New Zealand 0800 764 766.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if irritation persists.

Skin Contact: Remove contaminated clothing and flush skin thoroughly with water. Seek medical advice if irritation persists.

Eye contact: Flush cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately contact a Poisons Information Centre or doctor.

PPE for First Aiders: Safety shoes, overalls, gloves and safety glasses. Nitrile gloves recommended

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: •3Z

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material. May release toxic fumes including oxides of carbon, nitrogen and

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selenium if involved in a fire.

Firefighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Firefighters should wear self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapour, mist or aerosols. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work upwind or increase ventilation. Contain - prevent run off into drains and waterways. Use inert absorbent material. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: 47

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Avoid breathing vapour, mist or aerosols. Use in well-ventilated areas.

Storage: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container tightly closed when not in use.

This material is classified as a Class 9 Miscellaneous Dangerous Good as per the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Safe Work Australia Workplace Exposure Standards:

Copper dusts/mists (as Cu): 1 mg/m³ (TWA)

Selenium compounds (as Se): 0.1 mg/m³ (TWA)

No Biological Limit Values have been established by Safe Work Australia for this material.

Engineering Measures: Ensure adequate ventilation to maintain airborne concentrations below workplace exposure standards.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.

Eye/Face Protection: Safety glasses or chemical goggles should be worn.

Skin Protection: Wear protective gloves and suitable protective clothing.

Respiratory Protection: Respiratory protection is not normally required under normal conditions of use. Ensure adequate ventilation.

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Hygiene measures: Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Violet
Odour: Mild odour

Solubility:	Soluble in water
Specific Gravity:	1.2
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	Approx. 100
pH:	Approx. 2–4
Viscosity:	N Av
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of storage and use.

Conditions to avoid: Heat and incompatible materials.

Incompatible materials: Oxidising agents and strong reducing agents.

Hazardous decomposition products: Oxides of carbon, nitrogen, selenium and other toxic fumes.

Hazardous reactions: Hazardous reactions are not expected under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

This material is hazardous according to health criteria of Safe Work Australia.

Acute Effects

Inhalation: Vapour, mist or aerosols may irritate the respiratory tract.

Skin contact: Causes skin irritation.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation.

Eye contact: Causes serious eye irritation.

Acute toxicity

Inhalation: Not classified

Skin contact: Not classified

Ingestion: Category 4

Corrosion/Irritancy

Product Name: VIOLET FOG

Reference No: LFX1027

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Version: 2.0

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Eye: Category 2A (eye irritation)

Skin: Category 2 (skin irritation)

Sensitisation: Not classified as a sensitiser.

Aspiration hazard: Not classified.

Specific target organ toxicity (single exposure): Not classified.

Chronic Toxicity

Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (repeat exposure): Not classified

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.
Toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

- (c) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or
- (d) IBCs.



UN No: 3082
Dangerous Goods Class: 9
Packing Group: III
Hazchem Code: •3Z
Emergency Response Guide No: 47

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (COPPER COMPOUND)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1). Note 1: Materials that are fire risks are incompatible with oxidising agents (Class 5.1) or organic peroxides (Class 5.2). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.



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AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



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Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (COPPER COMPOUND)

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

16. OTHER INFORMATION

Reason for issue: Second Issue

This Safety Data Sheet has been prepared by Lustre FX Pty Ltd.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.