

**MATERIAL SAFETY DATA SHEET**  
**Sanodure Violet CLW**

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Substance key: KS8811  
Version : 1 - 1 / CDNRevision Date: 12/17/2010  
Date of printing :12/22/2010**WHMIS controlled:** no**Section 01 - Product Information****Identification of the company:**Clariant (Canada) Inc.  
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Toronto, Ontario, M9C 5R9  
Telephone No.: +1 514-832-2559**Information of the substance/preparation:**ESHA  
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Canada.PS@Clariant.com**Emergency tel. number:** +1 CANUTEC (613) 996-6666**Trade name:** **Sanodure Violet CLW**  
**Material number:** 102267**Chemical family:** anionic  
azo dyestuff/copper complex  
**Primary product use:** aluminium dye**Section 02 - Composition information on hazardous ingredients****Hazardous ingredients:**

Component	CAS number	Concentration
Copper, elemental	7440-50-8	3 - 7 %
Hexylene glycol	107-41-5	1 - 5 %

Disclosed for information purposes only.

**Component toxicity information:**

Hexylene glycol ( 107-41-5 )

**Acute oral toxicity:** LD50 3,700 mg/kg (rat)**Section 03 - Hazards identification****Health effects of exposure:**

Eye and skin contact may cause irritation. Inhalation of dust may irritate the respiratory tract.

Copper: prolonged or repeated exposure to copper can discolor skin and hair and irritate the skin; may cause mild dermatitis, runny nose, and irritation of the mucous membranes.

Repeated ingestion may damage the liver and kidneys. Repeated inhalation can cause chronic respiratory disease. Overexposure to copper salts may cause irritation to skin, eyes and upper respiratory tract.

Hexylene glycol: harmful by ingestion and inhalation. May cause central nervous system effects. Irritant to skin and respiratory system. Severe irritant to eyes. May cause allergic skin reactions. The effects of long term exposure have not been determined.

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Any available toxicological data is shown in Section 11. No other information was found in the public literature for any effects of exposure and no health evaluation is thus possible. Therefore, handle with care and avoid unnecessary exposures.

**Listed carcinogen:** IARC: No  
NTP: No  
OSHA: No  
Other: No

### Section 04 - First aid measures

**After inhalation:**

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped or is difficult. Get prompt medical attention. Do not give fluids if victim is unconscious.

**After contact with skin:**

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

**After contact with eyes:**

Immediately wash the eyes with flowing water for at least 15 minutes. Insure proper irrigation by occasionally lifting upper and lower eyelids. Thereafter seek prompt medical attention.

**After ingestion:**

If ingested, do not induce vomiting. Get immediate medical assistance.

**Advice to doctor / Treatment:**

None known.

### Section 05 - Fire fighting measures

**Flashpoint:** not applicable

**Extinguishing media:** all

**Special fire fighting procedure:**

Cool container and metallic parts with a water spray jet

**Unusual fire and explosion hazards:** Organic dusts have potential to be explosive with static spark or flame initiation. Maintain good housekeeping for control of dust.

**Hazardous combustion products:**

carbon oxides  
copper oxides  
hydrogen chloride  
nitrogen oxides  
sulfur oxides

**Minimum ignition energy :** > 1 J  
Not a dust explosion hazard.  
Method: modified Hartmann tube

### Section 06 - Accidental release measures

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Wear prescribed protective equipment. Sweep up or shovel into disposal containers using non-sparking tools. Eliminate ignition sources. Wet down with non-reactive liquid if required to limit dusting. If melted, allow to solidify first. Clean up spill location. Must not be released into sewers, drains or wells.

**Section 07 - Handling and storage****Advice on safe handling:**

Keep container tightly closed.

**Section 08 - Exposure controls / personal protection****Occupational exposure limits:**

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Hexylene glycol	107-41-5	US ACGIH Threshold Limit Values	Threshold Limit Value_Ceiling	25 ppm	

**Respiratory protection:** Wear an approved dust respirator when handling product.**Hand protection:** Rubber or Plastic**Eye protection:** Wear safety glasses with side-shields.**Other protective equipment:** Wear clothing suitable to avoid skin contact.**Section 09 - Physical and chemical properties**

**Form:** Granules  
**Color:** violet  
**Odor:** not specified  
**pH:** app. 3 (20 °C, 3 g/l)  
**Solubility in water:** app. 20 g/l (20 °C)  
soluble  
**Melting point :** not applicable  
**Boiling point :** not applicable ( 1,013 hPa)  
**Bulk density:** 800 kg/m<sup>3</sup>

**Section 10 - Stability and reactivity**

**Thermal decomposition:** 260 °C  
Method: dynamic decomposition test

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<b>Thermal decomposition:</b>	230 °C Method: SANDOZ long duration test open cup Heating rate: 0 K/min, Air open cup
<b>Chemical stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	Will not occur. Conditions to avoid: None known.
<b>Hazardous decomposition products</b>	When used and handled as intended, none.

**Section 11 - Toxicological information**

<b>Acute oral toxicity:</b>	LD50 > 5,000 mg/kg (rat) Method: SANDOZ internal test
<b>Skin irritation:</b>	non-irritant (rabbit) Method: 16CFR1500.41
<b>Eye irritation:</b>	non-irritant (rabbit) Method: 16CFR1500.42

**Section 12 - Ecological information**

<b>Biodegradation:</b>	app. 60 % (14 d, TOC) Method: static method
<b>Fish toxicity:</b>	LC0 400 mg/l (48 h, rainbow trout (salmo gairdneri, oncorhynchus mykiss))
<b>Bacteria toxicity:</b>	IC50 > 100 mg/l (activated sludge) Method: OECD 209 * 1984 activated sludge.Respir.inhib.

**Section 13 - Disposal considerations**

**Waste disposal information:**  
Dispose in accordance with local regulations at a government approved incinerator or waste management site.

**Section 14 - Transport information**

<b>TDG</b>	not restricted
<b>IATA</b>	not restricted
<b>IMDG</b>	not restricted

**Section 15 - Regulatory information**

<b>Registration status</b>	
DSL:	yes
NDSL:	no

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**CEPA**

Listed as priority substance: no  
Listed as toxic substance: no

**NPRI** yes

**TSCA Status:**

All components of this product are listed on the TSCA Inventory.

**FDA:**

This product is not registered with the FDA.

**Section 16 - Other information**

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