

Sanodure Black VA

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Substance key: KSB100716

Revision Date: 01/09/2014

Version : 2 - 0 / CDN

Date of printing :01/15/2014

WHMIS controlled: yes
Class: D2B

Section 01 - Product and company identification**Identification of the company:**

Clariant (Canada) Inc.
2 Lone Oak Court
Toronto, Ontario, M9C 5R9
Telephone No.: +1 514-832-2559

Information of the substance/preparation:

ESHA
Phone (514) 832 2559, Fax (704) 330 1505
Canada.PS@Clariant.com

Emergency tel. number: +1 CANUTEC (613) 996-6666

Trade name: Sanodure Black VA
Material number: 143385
Chemical family: azo dyestuff/chromium complex
anionic
Primary product use: aluminium dye

Section 02 - Hazards identification**Health effects of exposure:**

Eye and skin contact may cause irritation. Inhalation may cause irritation. May cause sensitization by skin contact.

Chromium based azo dye: may cause sensitization by skin contact. No other effects of exposure have been observed.

Chromium: chromium and certain compounds of chromium have been reported to cause damage to the lungs resulting in cumulative damage to the lungs. Only the hexavalent form of chromium (cas# 18540-29-9) is listed in IARC group 1 (human carcinogen). The other chromium compounds are listed in IARC group 3 (inadequate evidence). Dermatitis has been reported from repeated contact with certain chromium compounds. Sensitization may occur on repeated contact. This compound is the trivalent form of chromium and not the hexavalent form of chromium.

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

Section 03 - Composition/information on ingredients**Hazardous ingredients:**

Component	CAS number	Concentration
Trisodium bis[3-hydroxy-4-[(2-	57693-14-8	30 - 60 %

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hydroxy-1-naphthyl)azo]-7-nitronaphthalene-1-sulphonato(3-)]chromate(3-)		
Chromium, elemental	7440-47-3	0.5 - 1.5 %

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 plenty of water. If redness or skin irritation occurs, seek medical attention.

After contact with eyes:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get 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

Lower explosion limit: not available

Upper explosion limit: not available

Self ignition: not tested.

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
Chromium oxides
nitrogen oxides (NOx)
Sulphur oxides

Section 06 - Accidental release measures**Steps to be taken in case of spill or leak:**

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.

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

Keep container tightly closed.

Further info on storage conditions:

Keep container tightly closed in a cool, well-ventilated place, open and handle carefully.

Keep away sources of ignition.

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

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Chromium, metal (Metallic)	7440-47-3	US. Threshold Limit Values (TLV) for Chemical Substances in the Work Environment Adopted Values	8-hour, time-weighted average		0.5 mg/m ³

Respiratory protection: Respirator with a dust filter**Hand protection:** Butyl Rubber, PVC or Neoprene**Eye protection:** Safety glasses with side-shields**Other protective equipment:** Wear clothing suitable to avoid skin contact.**Section 09 - Physical and chemical properties**

Form:	powder
Color:	black
Odor:	not specified
Odor limit:	not available
pH:	7 - 8.5 (20 °C, 20 g/l)
Solubility in water:	approximately 30 g/l (20 °C)
Density:	not tested.
Melting point :	not applicable
Boiling point :	not applicable
Vapor pressure:	not applicable
Relative vapor density:	not applicable
Partitioning coef. octanol/water:	not determined
Viscosity / (dynamic):	cannot be determined

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Section 10 - Stability and reactivity

Thermal decomposition:	not tested.
Chemical stability:	Stable
Hazardous Polymerization:	Hazardous polymerisation does not occur. Conditions to avoid: None known.
Incompatibility with (Conditions to avoid) :	ignition
Hazardous decomposition products	When used and handled as intended, none.

Section 11 - Toxicological information

Acute oral toxicity:	LD50 > 2,000 mg/kg (rat) Method: test result of a higher concentrated product
Skin irritation:	non-irritant (rabbit) Method: test result of a higher concentrated product
Eye irritation:	non-irritant (rabbit) Method: test result of a higher concentrated product
Sensitization:	sensitizing (guinea pig) Method: 1999/45/EC

Section 12 - Ecological information

Product information:	
Biodegradation:	approximately 69 % (Dissolved organic carbon (DOC)) Method: test result of a higher concentrated product
Fish toxicity:	LC50 5.5 mg/l (96 h, Poecilia reticulata (guppy)) Method: test result of a higher concentrated product
Bacteria toxicity:	IC50 approximately 32 mg/l (3 h, activated sludge) Method: test result of a higher concentrated product

Remarks:

Product does not contain any organic bound Halogens which could lead to AOX-values.

Section 13 - Disposal considerations**Waste disposal information:**

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Section 14 - Transport information**TDG**

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9

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Packing group: III
UN/ID number: UN 3077
Primary risk: 9
Remarks: Shipment permitted
Hazard inducer(s): Azo dye / complex chromium containing

IATA

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
Packing group: III
UN/ID number: UN 3077
Primary risk: 9
Remarks: Shipment permitted
Hazard inducer(s): Azo dye / complex chromium containing

IMDG

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
Packing group: III
UN no.: UN 3077
Primary risk: 9
Hazard inducer(s): Azo dye / complex chromium containing
Marine pollutant: Marine Pollutant
EmS: F-A S-F

Section 15 - Regulatory information

Registration status

DSL: yes
NDSL: no

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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May cause eye, skin, and respiratory tract irritation.
May cause sensitization by skin contact.

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