

Substance key: COV122100
Version : 2 - 0 / CDN

Revision Date: 01/09/2014
Date of printing :01/15/2014

WHMIS controlled: no

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 Grey BL p
Material number: 153765
Chemical family: Trivalent Chromium Complex Of An Azo Dye
Primary product use: Colorant/organic pigment
Primary product use: Aluminum Dye

Section 02 - Hazards identification

Health effects of exposure:

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

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: Yes
NTP: No
OSHA: No
Other: No

Section 03 - Composition/information on ingredients

Hazardous ingredients:

Component	CAS number	Concentration
Chromium, elemental	7440-47-3	1 - 5 %

Hazardous component is present on WHMIS Ingredient Disclosure List.
Disclosed for information purposes only.

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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:

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 tested.

Upper explosion limit: not tested.

Self ignition: not tested.

Extinguishing media: Water spray jet
Foam

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unusual fire and explosion hazards: Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.

Hazardous combustion products:

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)

Carbon dioxide (CO₂)

nitrogen oxides (NO_x)

Thermal decomposition may produce oxides of carbon, nitrogen, and sulfur. Ash will contain chromium.

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:**

When used and handled appropriately no special measures are needed
Avoid dust formation.

Further info on storage conditions:

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

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:

Disposable work suit should be worn during handling of product. Employees should shower at the end of the working day. Wash properly before eating.

Section 09 - Physical and chemical properties

Form:	powder
Color:	black
Odor:	not specified
Solubility in water:	25 g/l The data refer to the colourant
Melting point :	> 100 °C

Section 10 - Stability and reactivity**Chemical stability:**

Stable

Hazardous Polymerization:

Hazardous polymerisation does not occur.
Conditions to avoid: None known.

Hazardous decomposition products

When handled and stored appropriately, no dangerous decomposition products are known

Section 11 - Toxicological information

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Acute oral toxicity: LD50 > 5,000 mg/kg (rat)
Information refers to the main component.

Acute inhalation toxicity: no data available

Acute dermal toxicity: no data available

Skin irritation: non-irritant

Eye irritation: non-irritant

Other relevant toxicity information:

Data are based on products of similar structure and/or similar composition

Section 12 - Ecological information**Product information:**

Biodegradation: < 10 %
Method: OECD Test Guideline 302B
Information refers to the main component.

Fish toxicity: LC50 > 100 mg/l (Poecilia reticulata (guppy))
Information refers to the main component.

Daphnia toxicity: not tested.

Algae toxicity: not tested.

Bacteria toxicity: not tested.

Chemical oxygen demand (COD): 930 mg/g
Information refers to the main component.

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 not restricted

IATA not restricted

IMDG not restricted

Section 15 - Regulatory information**Registration status**

DSL: yes
NDSL: no

CEPA

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

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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

The information contained on this MSDS is to the best of our knowledge an accurate summary of the data available as of the date of preparation. Clariant (Canada) Inc. is not liable for the application or use of this information in situations beyond its control or outside the normal and expected use of its product. Clariant (Canada) Inc. assumes no responsibility for damage or injury from the use of the product described herein.