

Sanodure Blue 4A p

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Substance key: COV137523
Version : 2 - 0 / CDN

Revision Date: 02/26/2014
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WHMIS controlled: no

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

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Information of the substance/preparation:

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Trade name: Sanodure Blue 4A p
Material number: 153763
Chemical family: Trivalent Chromium Complex of an Azo Dye
Primary product use: Aluminum Dye

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

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.

May cause eye and skin irritation.
May cause irritation of respiratory tract.

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

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

Component	CAS number	Concentration
Chromium, elemental	7440-47-3	5 - 10 %

Disclosed for information purposes only.

Section 04 - First aid measures

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After inhalation:

- Move the victim to fresh air.
- Give oxygen or artificial respiration if needed.
- Get immediate medical advice/ attention.
- Never give anything by mouth to an unconscious person.

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 swallowed, DO NOT induce vomiting.
- Get immediate medical advice/ attention.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint:	no data available
Lower explosion limit:	not tested.
Upper explosion limit:	not tested.
Extinguishing media:	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:

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.

Section 07 - Handling and storage

Advice on safe handling:

Avoid inhalation, ingestion and contact with skin and eyes.

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Further info on storage conditions:

Keep containers tightly closed in a cool, well-ventilated place.

Handle and open container with care.

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

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Chromium, metal and inorganic Cr III compounds	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/m3

Respiratory protection: Respirator with a dust filter**Hand protection:** Butyl Rubber, PVC or Neoprene**Eye protection:** Safety glasses with side-shields**Other protective equipment:** Avoid skin contact.
Wear suitable protective clothing.**Advice on system design:** Local ventilation recommended - mechanical ventilation may be used.**Section 09 - Physical and chemical properties****Form:** powder
Color: blue
Odor: not specified
Solubility in water: soluble**Section 10 - Stability and reactivity****Chemical stability:** Stable**Hazardous Polymerization:** Hazardous polymerisation does not occur.
Conditions to avoid: None known.**Incompatibility with (Conditions to avoid) :** None known.**Section 11 - Toxicological information****Acute oral toxicity:** no data available**Acute inhalation toxicity:** no data available**Acute dermal toxicity:** no data available

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Section 12 - Ecological information

Product information:

Biodegradation: no data available
Fish toxicity: no data available
Daphnia toxicity: no data available
Algae toxicity: no data available

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
|| All components of the product are listed on the DSL/Canada.

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

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

MATERIAL SAFETY DATA SHEET



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product. Clariant (Canada) Inc. assumes no responsibility for damage or injury from the use of the product described herein.