

Sanodure Grey HLN liq

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Substance key: KS16664

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

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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 HLN liq
Material number: 152424
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 of vapours or mists may irritate the respiratory tract.

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

Component	CAS number	Concentration
Chromium, elemental	7440-47-3	0.5 - 1.5 %

Disclosed for information purposes only.

Section 04 - First aid measures

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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: no flash point up to the boiling point

Ignition temperature: not tested.

Extinguishing media: all

Special fire fighting procedure:

Cool container and metallic parts with a water spray jet

Unusual fire and explosion hazards: None known.

Hazardous combustion products:

Carbon oxides
nitrogen oxides (NOx)
Sulphur oxides
Chromium oxides

Minimum ignition energy : not tested.

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

Wear suitable protective equipment. Ensure adequate ventilation. Contain spill and pump into proper containers using compatible equipment. Smaller spills may be recovered using inert absorbent material (sand, sawdust) and collected into suitable containers. Wash spill area. Do not allow the product to enter sewers or waterways.

Section 07 - Handling and storage**Further info on storage conditions:**

Keep containers tightly closed in a cool, well-ventilated place.
Keep container tightly closed in a cool, well-ventilated place, open and handle carefully.
Store at room temperature.

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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: Wear an approved respirator if vapours or mists are generated when handling or processing this product. Use appropriate filters. Do not exceed filters limitations.

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: Aqueous solution

Color: black

Odor: not specified

Odor limit: not tested.

pH: 7.5 (20 °C)

Solubility in water: (20 °C)
miscible

Density: 1.10 g/cm³ (20 °C, 1,013 hPa)

Melting point : not applicable

Boiling point : approximately 100 °C (1,013 hPa)

Vapor pressure: not tested.

Partitioning coef. octanol/water: not tested.

Viscosity / (dynamic): not tested.

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) : None known.

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Hazardous decomposition products When used and handled as intended, none.

Section 11 - Toxicological information

Acute oral toxicity: LD50 > 2,000 mg/kg (rat)
Method: OECD Test Guideline 423

Acute inhalation toxicity: not tested.

Acute dermal toxicity: not tested.

Skin irritation: non-irritant (rabbit)
Method: OECD Test Guideline 404

Eye irritation: non-irritant (rabbit)
Method: OECD Test Guideline 405

Sensitization: not tested.

Other relevant toxicity information:

The product has not been tested. The information is derived from the properties of the individual components.

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

Biodegradation: This property is substance-specific and therefore cannot be given for the preparation.

Fish toxicity: LC50 > 100 mg/l (96 h, Oncorhynchus mykiss (rainbow trout))
Method: test result of the active component according to OECD 203

Daphnia toxicity: EC50 > 110 mg/l (48 h, Daphnia magna (Water flea))
Method: test result of the active component according to OECD 202

Algae toxicity: not tested.

Bacteria toxicity: EC50 > 1,000 mg/l (3 h, activated sludge)
Method: test result of the active component according to OECD 209

Remarks:

Product does not contain any organic bound Halogens which could lead to AOX-values.
The product has not been tested. The information is derived from the properties of the individual components.

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

Wastes may be incinerated or landfilled after solidification in approved sites. Follow local regulations.

