

**Sanodal Black GL**

Substance key: KS8706  
Version : 2 - 0 / CDN

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

**WHMIS controlled:** no

**Section 01 - Product and company identification**

<b>Identification of the company:</b>	Clariant (Canada) Inc. 2 Lone Oak Court Toronto, Ontario, M9C 5R9 Telephone No.: +1 514-832-2559
	<b>Information of the substance/preparation:</b> ESHA Phone (514) 832 2559, Fax (704) 330 1505 Canada.PS@Clariant.com
	<b>Emergency tel. number:</b> +1 CANUTEC (613) 996-6666

**Trade name:** Sanodal Black GL  
**Material number:** 102258  
**Chemical family:** azo dyestuff/cobalt 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: Yes  
NTP: No  
OSHA: No  
Other: No

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

**Hazardous ingredients:**

Component	CAS number	Concentration
Cobalt, elemental	7440-48-4	1 - 5 %

Disclosed for information purposes only.

**Component toxicity information:**

Cobalt, elemental ( 7440-48-4 )

**Acute oral toxicity:** Test data for the substance are not available.

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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:** no flash point up to the boiling point

**Extinguishing media:** Product is compatible with standard fire-fighting agents.

**Special fire fighting procedure:**

Cool container and metallic parts with a water spray jet  
Set up threefold fire attack, use extinguishants singly or in combination, equip branchman and support team with respiratory protective equipment.

**Unusual fire and explosion hazards:** None known.

**Hazardous combustion products:**

Carbon oxides  
Cobalt oxides  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides

**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****Advice on safe handling:**

Keep container tightly closed.

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**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.

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

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Cobalt	7440-48-4	US. Threshold Limit Values (TLV) for Chemical Substances in the Work Environment Adopted Values	8-hour, time-weighted average		0.02 mg/m <sup>3</sup>

**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:** Rubber or plastic gloves

**Eye protection:** Safety glasses with side-shields

**Other protective equipment:** Wear clothing suitable to avoid skin contact.

**Section 09 - Physical and chemical properties**

**Form:** paste

**Color:** black

**Odor:** not specified

**pH:** 8 - 9 (20 °C, 100 g/l)

**Solubility in water:** miscible

**Density:** approx. 1 g/cm<sup>3</sup> (20 °C, 1,013 hPa)

**Melting point :** not applicable

**Boiling point :** not applicable

**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.

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

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**Section 11 - Toxicological information**

<b>Acute oral toxicity:</b>	LD50 > 2,000 mg/kg (rat) Method: 1999/45/EC
<b>Skin irritation:</b>	non-irritant (rabbit) Method: 16CFR1500.41
<b>Eye irritation:</b>	non-irritant (rabbit) Method: 16CFR1500.42

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

**Biodegradation:** approx. 17 % (14 d, TOC)  
elimination via adsorption  
Method: HOECHST method

**Fish toxicity:** LC0 20 mg/l (48 h, Oncorhynchus mykiss (rainbow trout))  
Method: mod. routine bioassay method of 1.11.74  
LC50 70 mg/l (48 h, Oncorhynchus mykiss (rainbow trout))  
Method: mod. routine bioassay method of 1.11.74  
LC100 100 mg/l (48 h, Oncorhynchus mykiss (rainbow trout))  
Method: mod. routine bioassay method of 1.11.74

**Bacteria toxicity:** IC50 > 100 mg/l (activated sludge)  
Method: OECD Test Guideline 209

**Remarks:**

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

**Component information:**

Cobalt ( 7440-48-4 )

**Fish toxicity:** Test data for the substance are not available.

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

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

**Section 14 - Transport information**

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

**Section 15 - Regulatory information**

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