

## Sanodal Deep Black H3LW

Page 1

Substance key: KS7363

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

Date of printing :01/15/2014

**WHMIS controlled:** yes  
**Class:** D2A  
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:** Sanodal Deep Black H3LW  
**Material number:** 102093  
**Chemical family:** azo dyestuff/chromium complex  
anionic  
**Primary product use:** aluminium dye

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

May cause irritation to skin, eyes and respiratory system. Repeated contact may cause skin sensitization. Possible risks of irreversible effects.

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.

Chromium metallized azo dye: tested positively in two mutagenicity assays.

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

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

Component	CAS number	Concentration
BI 3277	106084-79-1	15 - 40 %

## Sanodal Deep Black H3LW

Page 2

Substance key: KS7363

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

Date of printing :01/15/2014

Chromium, elemental	7440-47-3	1 - 5 %
---------------------	-----------	---------

**Component toxicity information:**

BI 3277 ( 106084-79-1 )

**Acute oral toxicity:** LD50 > 2,000 mg/kg (rat)**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**Extinguishing media:** Product is compatible with standard fire-fighting agents.**Special fire fighting procedure:**

Prevent further leakage or spillage.

Cool container and metallic parts with a water spray jet

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

## Sanodal Deep Black H3LW

Page 3

Substance key: KS7363

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

Date of printing :01/15/2014

**Advice on safe handling:**

No special measures necessary.

**Further info on storage conditions:**

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

Keep in a dry, cool and well-ventilated place.

**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 <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:**

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**

<b>Form:</b>	paste
<b>Color:</b>	black
<b>Odor:</b>	not specified
<b>pH:</b>	6 - 7 (20 °C, 10 g/l)
<b>Solubility in water:</b>	approx. 5 g/l (20 °C)
<b>Melting point :</b>	not applicable
<b>Boiling point :</b>	not applicable ( 1,013 hPa)
<b>Bulk density:</b>	approx. 490 kg/m <sup>3</sup>

**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.

## Sanodal Deep Black H3LW

Page 4

Substance key: KS7363

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

Date of printing :01/15/2014

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

**Section 11 - Toxicological information**

**Acute oral toxicity:** LD50 > 5,000 mg/kg (rat)  
Method: OECD Test Guideline 401

**Acute dermal toxicity:** LD50 > 2,000 mg/kg (rat)  
Method: OECD Test Guideline 402

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

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

**Sensitization:** non-sensitizing (guinea pig)  
Method: OECD Test Guideline 406

**Other relevant toxicity information:**

The data on toxicology refer to the active ingredient.

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

**Biodegradation:** < 10 % (BOD/CODX100)  
Method: test result of the active component.

**Fish toxicity:** LC0 > 1,200 mg/l (96 h, Cyprinus carpio (Carp))  
Method: Directive 67/548/EEC, Annex V, C.1.

**Daphnia toxicity:** EC0 > 10 mg/l (24 h, Daphnia magna (Water flea))  
EC50 > 500 mg/l (24 h, Daphnia magna (Water flea))

**Chemical oxygen demand (COD):** 93 mg/g

**Biological oxygen demand (BOD):** 7 mg/g  
5 d

**Remarks:**

The ecological data given are those of the active ingredient.  
Product does not contain any organic bound Halogens which could lead to AOX-values.

**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**

TDG not restricted

**Sanodal Deep Black H3LW**

Substance key: KS7363  
Version : 2 - 0 / CDN

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

**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**

**WHMIS**



May irritate skin, eyes and respiratory system.  
Repeated contact may cause skin sensitization.  
Possible risks of irreversible effects.

---

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.