

Sanodal Deep Black HBL liq

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Substance key: KS8479
Version : 2 - 0 / CDN

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

WHMIS controlled: no

Section 01 - Product and company identification

Identification of the company:

Clariant (Canada) Inc.
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Information of the substance/preparation:

ESHA
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Trade name: Sanodal Deep Black HBL liq
Material number: 102027
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.

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: 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.
Hazardous component is present on WHMIS Ingredient Disclosure List.

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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

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
Chromium oxides
Hydrogen chloride
nitrogen oxides (NOx)
Sulphur 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**Advice on safe handling:**

No special measures necessary.

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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

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:	Aqueous solution
Color:	blue-black
Odor:	not specified
Odor limit:	not tested.
pH:	7 - 8 (20 °C)
Solubility in water:	(20 °C) miscible
Density:	1.16 g/cm ³ (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 under normal conditions.
Hazardous Polymerization:	Hazardous polymerisation does not occur. Conditions to avoid: None known.
Incompatibility with (Conditions to avoid) :	Strong oxidizing agents
Hazardous decomposition products	When used and handled as intended, none.

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Section 11 - Toxicological information

Acute oral toxicity:	LD50 > 2,000 mg/kg (rat) Method: OECD Test Guideline 401
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:	non-sensitizing (guinea pig) Method: OECD Test Guideline 406

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 10 - 100 mg/l (48 h, Daphnia magna (Water flea)) Method: test result of the active component according to OECD 202
Algae toxicity:	EC50 (Growth rate) 10 - 100 mg/l (72 h, Desmodesmus subspicatus (Scenedesmus subspicatus)) Method: OECD Test Guideline 201
Bacteria toxicity:	IC50 > 100 mg/l (activated sludge) Method: test result of the active component according to OECD 209

Remarks:

Product contains organic halogen, may contribute to AOX value
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.

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Section 14 - Transport information

TDG	not restricted
IATA	not restricted
IMDG	not restricted

Section 15 - Regulatory information

Registration status

DSL:	no
NDSL:	yes

The product is not listed on the DSL, however, there is an import limit that allows Clariant (Canada) to import/market the product in Canada.

CEPA

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

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.