

Sanodal Deep Black MLW

Page 1

Substance key: KS8627

Revision Date: 10/03/2013

Version : 2 - 0 / CDN

Date of printing :01/15/2014

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: Sanodal Deep Black MLW
Material number: 102257
Chemical family: azo dyestuff/chromium complex mixture
anionic
Primary product use: aluminium dye

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

Eye and skin contact may cause irritation. Inhalation of dust 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	3 - 7 %

Disclosed for information purposes only.

Hazardous component is present on WHMIS Ingredient Disclosure List.

Section 04 - First aid measures

Sanodal Deep Black MLW

Page 2

Substance key: KS8627

Revision Date: 10/03/2013

Version : 2 - 0 / CDN

Date of printing :01/15/2014

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:

Immediately wash the eyes with flowing water for at least 15 minutes. Insure proper irrigation by occasionally lifting upper and lower eyelids. Thereafter seek prompt 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

Self ignition: not tested.

Ignition temperature: not tested.

Extinguishing media: compatible with all usual extinguishing media

Special fire fighting procedure:

Cool container and metallic parts with a water spray jet

Unusual fire and explosion hazards: Organic dusts have potential to be explosive with static spark or flame initiation. Maintain good housekeeping for control of dust.

Hazardous combustion products:

carbon oxides
chromium oxides
nitrogen oxides
sulfur oxides

Minimum ignition energy : > 1 J
Not a dust explosion hazard.
Method: modified Hartmann tube

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:**

No special measures required.

Sanodal Deep Black MLW

Substance key: KS8627
Version : 2 - 0 / CDN

Revision Date: 10/03/2013
Date of printing :01/15/2014

Further info on storage conditions:

Keep container tightly closed in a cool, well-ventilated place
Keep only in the original container, tightly closed, in a 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/m3
Chromium, metal and Cr III compounds		US ACGIH Threshold Limit Values	Threshold Limit Value_Time Weighted Average		0.5 mg/m3

Respiratory protection: Wear an approved dust respirator when handling product.
Hand protection: Rubber or Plastic
Eye protection: Wear safety glasses with side-shields.
Other protective equipment: Wear clothing suitable to avoid skin contact.

Section 09 - Physical and chemical properties

Form: powder
Color: black
Odor: not specified
pH: approx. 4 (20 °C, 10 g/l)
Solubility in water: approx. 25 g/l (20 °C)
soluble
Density: not tested.
Melting point : not applicable
Boiling point : not applicable (1,013 hPa)
Vapor pressure: Not applicable
Bulk density: approx. 600 kg/m3
Partitioning coef. octanol/water: Not determined
Viscosity / (dynamic): Not applicable

Section 10 - Stability and reactivity

Sanodal Deep Black MLW

Substance key: KS8627	Revision Date: 10/03/2013
Version : 2 - 0 / CDN	Date of printing :01/15/2014

Thermal decomposition: 180 °C
 Method: SANDOZ long duration test open cup
 Heating rate: 0 K/min, Air open cup

Thermal decomposition: 190 °C (Heating rate:0.75 K/min)
 Method: SANDOZ Radex dynamic decomposition test
 Air open cup

Chemical stability: Stable.

Hazardous Polymerization: Will not occur.
 Conditions to avoid: None known.

Incompatibility with (Conditions to avoid) : None known.

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

Section 11 - Toxicological information

Acute oral toxicity: LD50 approx. 4,400 mg/kg (rat)
 Method: SANDOZ internal test

Acute inhalation toxicity: not tested.

Acute dermal toxicity: LD50 > 5,000 mg/kg (rat)
 Method: SANDOZ internal test

Skin irritation: non-irritant (rabbit)
 Method: SANDOZ internal test

Eye irritation: non-irritant (rabbit)
 Method: SANDOZ internal test

Sensitization: not tested.

Section 12 - Ecological information

Product information:

Biodegradation: approx. 40 % (14 d, TOC)
 Method: HOECHST method

Fish toxicity: LC0 > 1,000 mg/l (48 h, rainbow trout (salmo gairdneri, oncorhynchus mykiss))
 Method: mod. routine bioassay method of 1.11.74

Daphnia toxicity: not tested.

Algae toxicity: not tested.

Bacteria toxicity: IC50 > 100 mg/l (activated sludge)
 Method: OECD 209 * 1984 activated sludge.Respir.inhib.

Chemical oxygen demand (COD): 315 mg/g
 Method: SANDOZ internal test

Biological oxygen demand (BOD): 59 mg/g
 Method: SANDOZ internal test
 5 d

Sanodal Deep Black MLW

Page 5

Substance key: KS8627
Version : 2 - 0 / CDN

Revision Date: 10/03/2013
Date of printing :01/15/2014

Remarks:

No data available.

Section 13 - Disposal considerations

Waste disposal information:

Recommended disposal is by incineration in an approved facility. Follow local regulations.

Section 14 - Transport information

TDG	not restricted
IATA	not restricted
IMDG	not restricted

Section 15 - Regulatory information

Registration status

DSL:	yes
NDSL:	no

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.