

Sanodal Green 3LW

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Substance key: KS15921

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

Date of printing :01/15/2014

WHMIS controlled: yes
Class: D2B

Section 01 - Product and company identification**Identification of the company:**

Clariant (Canada) Inc.
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Telephone No.: +1 514-832-2559

Information of the substance/preparation:

ESHA
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Trade name: Sanodal Green 3LW
Material number: 102785
Chemical family: azo dyestuff/chromium complex
anionic
Primary product use: aluminium dye

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

Eye contact will cause irritation. Skin contact and inhalation may cause irritation.

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
Chromate(3-), [4-amino-5-(hydroxy-kO)-6-[[2-(hydroxy-kO)-4-nitrophenyl]azo-kN1]-1,7-naphthalenedisulfonato(4-)] [2-	371973-51-2	10 - 30 %

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[[5-(aminosulfinyl)-2-(hydroxy-
kO)phenyl]azo-kN2]-3-(oxo-
kO)-N-phenylbutanamidato(2-)]-
, trisodium

Chromium, elemental

7440-47-3

1 - 5 %

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: all

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 (NOx)
Sulphur oxides

Minimum ignition energy : < 10 J
Risk of dust explosion.

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.

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Section 07 - Handling and storage**Advice on safe handling:**

- Keep container tightly closed.
- Use with local exhaust ventilation.
- Avoid inhalation, ingestion and contact with skin and eyes.
- Take precautionary measures against static discharges.

Further info on storage conditions:

- Keep containers tightly closed in a cool, well-ventilated place.
- Store at room temperature.

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
Hexylene glycol	107-41-5	US. Threshold Limit Values (TLV) for Chemical Substances in the Work Environment Adopted Values	Ceiling limit	25 ppm	

- Respiratory protection:** Respirator with a dust filter
- Hand protection:** Rubber or plastic gloves
- Eye protection:** Tightly fitting safety goggles
- Other protective equipment:** Wear clothing suitable to avoid skin contact.

Section 09 - Physical and chemical properties

- Form:** Granules
- Color:** blue green
- Odor:** not specified
- pH:** 8 - 8.5 (56 g/l)
- Solubility in water:** 56 g/l (20 °C)
soluble
- Melting point :** not applicable
- Boiling point :** not applicable
- Bulk density:** approx. 800 kg/m³

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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.

Section 11 - Toxicological information

Acute oral toxicity:	LD50 > 2,000 mg/kg (rat) Method: OECD Test Guideline 401
Skin irritation:	non-irritant (rabbit) Method: OECD Test Guideline 404
Eye irritation:	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 19 mg/l (48 h, Daphnia magna (Water flea)) Method: test result of the active component according to OECD 202
Bacteria toxicity:	IC50 > 100 mg/l (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

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Waste disposal information:

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

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

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



Irritating to eyes.
Irritating to eyes and respiratory system.

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.