

Sanodye Blue 2LW gran.

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Substance key: CLA338

Revision Date: 01/15/2014

Version : 2 - 0 / CDN

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WHMIS controlled: yes
Class: 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

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Trade name: Sanodye Blue 2LW gran.
Material number: 198048
Chemical family: anthraquinone dyestuff
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.

Sulfamic acid: irritant to skin, severe irritant to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hexylene glycol: harmful by ingestion and inhalation. May cause central nervous system effects. Irritant to skin and respiratory system. Severe irritant to eyes. May cause allergic skin reactions. The effects of long term exposure have not been determined.

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

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

Component	CAS number	Concentration
Sulfamic acid	5329-14-6	1 - 5 %
Hexylene glycol	107-41-5	1 - 5 %

Component toxicity information:

Sulfamic acid (5329-14-6)

Acute oral toxicity: LD50 3,160 mg/kg (rat)

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Hexylene glycol (107-41-5)

Acute oral toxicity: LD50 > 2,000 mg/kg (rat)

Source: Supplier

Acute inhalation toxicity: LC50 (8 h, rat)

Source: Supplier

Acute dermal toxicity: LD50 > 2,000 mg/kg (rat)

Source: Supplier

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**Self ignition:** not tested.**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: 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
nitrogen oxides (NOx)
Sulphur oxides

Section 06 - Accidental release measures

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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:**

Avoid the formation and deposition of dust.

Further info on storage conditions:

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
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:

dark green

Odor:

not specified

pH:

2 - 3 (20 °C, 3 g/l)

Solubility in water:

approx. 3 g/l (20 °C)

Density:

not tested.

Melting point :

not applicable

Boiling point :

not applicable (1,013 hPa)

Vapor pressure:

not applicable

Partitioning coef. octanol/water:

not determined

Viscosity / (dynamic):

not applicable

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Section 10 - Stability and reactivity

Thermal decomposition:	100 °C Method: isoperibolic decomposition test
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: test result of a related preparation.
Acute inhalation toxicity:	not tested.
Acute dermal toxicity:	not tested.
Skin irritation:	non-irritant Method: test result of a related preparation.
Eye irritation:	Irritant Method: test result of a related preparation.
Sensitization:	not tested.

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

Biodegradation:	This property is substance-specific and therefore cannot be given for the preparation.
Fish toxicity:	LC0 100 mg/l (48 h, Oncorhynchus mykiss (rainbow trout)) Method: test result of a related preparation.
Daphnia toxicity:	not tested.
Algae toxicity:	not tested.
Bacteria toxicity:	not tested.

Remarks:

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

Component information:

2-Methylpentane-2,4-diol (107-41-5)

Biodegradation:	81 % (28 d) Readily biodegradable. Source: Supplier
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Fish toxicity:	8,510 mg/l (96 h, Gambusia affinis (Mosquito fish)) Source: Supplier
Daphnia toxicity:	EC50 5,410 mg/l (48 h, Daphnia magna (Water flea)) Source: Supplier
Algae toxicity:	IC50 > 429 mg/l (72 h, Selenastrum capricornutum (green algae)) Source: Supplier

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

Can be landfilled or incinerated, when in compliance with 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
All components of the product are listed on the DSL/Canada.	

CEPA

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

NPRI	no
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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.

A dust cloud of the product could be ignited by a spark or flame.

MATERIAL SAFETY DATA SHEET



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