

## DC PVC AXIAL 8657 001.000% GREEN DC

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Revision Date: 11/06/2016

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## SECTION 1. IDENTIFICATION

**Identification of the company:**

Clariant Plastics and Coatings  
Canada Inc.  
2 Lone Oak Court  
Toronto, Ontario M9C 5R9,  
Telephone No.: +1 416-847-7000

**Information of the substance/preparation:**

Product Stewardship, +1-704-331-7710  
e-mail: SDS.NORAM@clariant.com

**Emergency tel. number:** +1 800-424-9300 CHEMTREC, +1 (703)  
527-3887 INTERNATIONAL

**Trade name:**

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**Material number:**

EV63754542

**Synonyms:**

OM63754542

**Chemical family:**

Colourant preparation  
Carrier: PVC

**Primary product use:**

Additive for plastic material processing

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the Hazardous Products Regulations**

Carcinogenicity (Inhalation) : Category 1A

Carcinogenicity : Category 2

**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H350i May cause cancer by inhalation.  
H351 Suspected of causing cancer.

Precautionary statements :

**Prevention:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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**Response:**

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**

P405 Store locked up.

**Other hazards**

Hazards Not Otherwise Classified:

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : Colourant preparation  
Carrier: PVC

**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
C.I. Pigment Black 7	1333-86-4	0.5 - 1
Calcium distearate	1592-23-0	10 - 20
Limestone	1317-65-3	25 - 40

Any concentration shown as a range is due to batch variation.

**SECTION 4. FIRST AID MEASURES**

General advice : Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).  
Get medical advice/ attention if you feel unwell.

If inhaled : Move the victim to fresh air.  
Give oxygen or artificial respiration if needed.  
Get immediate medical advice/ attention.  
Never give anything by mouth to an unconscious person.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.  
Wash off with soap and water.  
Get medical attention if irritation develops and persists.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.

If swallowed : Rinse mouth.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
Get medical advice/ attention.

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Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).  
No additional symptoms are known.

Notes to physician : Treat symptomatically.

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**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
Hydrogen chloride  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.  
  
Nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides  
Metal oxides  
Calcium oxide

Further information : Combustible material  
In the event of fire and/or explosion do not breathe fumes.  
During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion  
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.  
Do not allow run-off from fire fighting to enter drains or water courses.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, : Refer to protective measures listed in sections 7 and 8.

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protective equipment and  
emergency proceduresAvoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.

Environmental precautions

: Do not allow contact with soil, surface or ground water.  
Prevent product from entering drains.Methods and materials for  
containment and cleaning up: Non-sparking tools should be used.  
Avoid dust formation.  
Take measures to prevent the build up of electrostatic charge.  
Sweep up and shovel into suitable containers for disposal.  
Clean contaminated surface thoroughly.**SECTION 7. HANDLING AND STORAGE**Advice on protection against  
fire and explosion

: Take measures to prevent the build up of electrostatic charge.

Advice on safe handling

: Handle in accordance with good industrial hygiene and safety  
practice.  
Use only with adequate ventilation/personal protection.  
For personal protection see section 8.  
Avoid contact with skin, eyes and clothing.  
Use only with adequate ventilation.  
Avoid dust formation.  
Take measures to prevent the build up of electrostatic charge.  
Ensure all equipment is electrically grounded before beginning  
transfer operations.  
Use only non-sparking tools.

Conditions for safe storage

: Keep container tightly closed in a cool, well-ventilated place.  
Protect from moisture.  
Keep away from direct sunlight.Technical  
measures/Precautions: Store in a cool, dry, well-ventilated area. Keep container  
sealed when not in use.  
Keep in an area equipped with sprinklers.  
Minimize dust generation and accumulation.

Materials to avoid

: not required

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
C.I. Pigment Black 7	1333-86-4	TWA	3.5 mg/m <sup>3</sup>	CA AB OEL
		TWA	3.5 mg/m <sup>3</sup>	CA BC OEL

## SAFETY DATA SHEET



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	Further information: IARC '2B' applies to substances deemed possibly carcinogenic to humans.			
		TWAEV	3.5 mg/m3	CA ON OEL
		TWAEV	3.5 mg/m3	CA QC OEL
		TWA (Inhalable)	3 mg/m3	CA BC OEL
	Further information: IARC '2B' applies to substances deemed possibly carcinogenic to humans.			
Calcium distearate	1592-23-0	TWA	10 mg/m3	CA AB OEL
	Further information: Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required			
		TWAEV (Total)	10 mg/m3	CA ON OEL
		TWA	10 mg/m3	CA BC OEL
	Further information: Does not include stearates of toxic metals.			
Limestone	1317-65-3	TWA	10 mg/m3	CA AB OEL
	Further information: Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required			
		TWA	10 mg/m3	CA BC OEL
	Further information: The 8-hour TWA listed in the Table is for the total dust. The substance also has an 8-hour TWA of 3 mg/m3 for the respirable fraction.			
		STEL	20 mg/m3	CA BC OEL
	Further information: The 8-hour TWA listed in the Table is for the total dust. The substance also has an 8-hour TWA of 3 mg/m3 for the respirable fraction.			
		TWAEV (total dust)	10 mg/m3	CA QC OEL
	Further information: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1 %.			
		TWAEV (total dust)	10 mg/m3	CA QC OEL
	Further information: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1 %.			

**Engineering measures**

- : Use only in area provided with appropriate exhaust ventilation.  
 Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.  
 Use engineering controls such as local or general exhaust to maintain airborne concentrations below exposure limits.

**Personal protective equipment**

- Respiratory protection : If dusty conditions exist, use NIOSH approved respirator with high efficiency (p-100) filter media.

## Hand protection

## Remarks

- : Nitrile rubber gloves. Impervious butyl rubber gloves PVC

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Neoprene gloves

- Eye protection : Safety glasses with side-shields
- Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.
- Hygiene measures : The usual Industrial Hygiene precautions must be taken during work, in particular: do not drink, eat or smoke during the handling of the product and clean hands and face during work intervals and after work.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : powder
- Colour : green
- Odour : characteristic
- Odour Threshold : Not applicable
- pH : Not applicable
- Melting point : > 70 °C
- Boiling point : Not applicable
- Flash point : Not applicable
- Evaporation rate : Not applicable
- Flammability (solid, gas) : not determined
- Self-ignition : Not applicable
- Upper explosion limit : not tested.
- Lower explosion limit : not tested.
- Vapour pressure : Not applicable
- Relative vapour density : Not applicable
- Relative density : not available
- Density : not tested.
- Solubility(ies)  
Water solubility : not determined

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Partition coefficient: n-octanol/water : This property is not applicable for mixtures.

Decomposition temperature : > 200 °C

## Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

Explosive properties : no data available  
no data available

Oxidizing properties : not available

Surface tension : Not relevant

Particle size : Product specific

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable

Possibility of hazardous reactions : Lithium

Conditions to avoid : To avoid thermal decomposition, do not overheat.  
Heating can release hazardous gases.  
Keep away from heat, sparks, open flames, and other sources of ignition.  
If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.  
Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.  
ignition  
Keep away from heat.  
Keep away from flames and sparks.

Incompatible materials : None.  
none  
Strong oxidizing agents  
Strong acids and oxidizing agents  
Acids

Hazardous decomposition products : No decomposition if stored and applied as directed.  
When handled and stored appropriately, no dangerous decomposition products are known  
The product does not contain any chemical groups which

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suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation

Eye contact

Skin contact

**Acute toxicity****Components:****C.I. Pigment Black 7:**

Acute oral toxicity : LD50 (Rat, male and female): > 8,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: no

Acute inhalation toxicity : LC0 (Rat): > 0.0046 mg/l  
Exposure time: 4 h  
Method: Other  
GLP: No information available.

Acute dermal toxicity : Remarks: not reasonable

**Calcium distearate:**

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg  
Method: OECD Test Guideline 423  
GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 3 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403  
GLP: yes  
Remarks: By analogy with a product of similar composition

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes  
Remarks: By analogy with a product of similar composition

**Skin corrosion/irritation****Product:**

Result: No skin irritation

**Components:****C.I. Pigment Black 7:**



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Species: Rabbit  
Exposure time: 4 - 24 h  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: no

**Calcium distearate:**

Species: Rabbit  
Exposure time: 4 h  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: yes  
Remarks: By analogy with a product of similar composition

**Serious eye damage/eye irritation****Product:**

Result: No eye irritation

**Components:****C.I. Pigment Black 7:**

Species: rabbit eye  
Result: No eye irritation  
Method: OECD Test Guideline 405  
GLP: no

**Calcium distearate:**

Species: rabbit eye  
Result: No eye irritation  
Method: OECD Test Guideline 405  
GLP: yes  
Remarks: By analogy with a product of similar composition

**Respiratory or skin sensitisation****Product:**

Result: non-sensitizing

**Components:****C.I. Pigment Black 7:**

Test Type: Buehler Test  
Exposure routes: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: non-sensitizing  
GLP: yes

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**Calcium distearate:**

Test Type: Mouse local lymphnode assay

Exposure routes: Dermal

Species: Mouse

Method: OECD Test Guideline 429

Result: Does not cause skin sensitisation.

GLP: yes

Remarks: By analogy with a product of similar composition

Test Type: Respiratory system

Exposure routes: Inhalation

Remarks: This information is not available.

**Germ cell mutagenicity****Components:****C.I. Pigment Black 7:**

- Genotoxicity in vitro :
- Test Type: Ames test
  - Species: Salmonella typhimurium
  - Metabolic activation: with and without metabolic activation
  - Method: OECD Test Guideline 471
  - Result: negative
  - GLP: yes
- Genotoxicity in vivo :
- Test Type: Ames test
  - Species: Escherichia coli
  - Metabolic activation: with and without metabolic activation
  - Method: OECD Test Guideline 471
  - Result: negative
  - GLP: yes
- Genotoxicity in vivo :
- Result: ambiguous
- Germ cell mutagenicity - Assessment :
- Weight of evidence does not support classification as a germ cell mutagen.

**Calcium distearate:**

- Genotoxicity in vitro :
- Test Type: Ames test
  - Species: Salmonella typhimurium
  - Method: OECD Test Guideline 471
  - Result: negative
  - GLP: yes
- Genotoxicity in vivo :
- Test Type: In vitro gene mutation study in mammalian cells
  - Species: mouse lymphoma cells
  - Method: OECD Test Guideline 476
  - Result: negative
  - GLP: yes
  - Remarks: By analogy with a product of similar composition
- Genotoxicity in vivo :
- Test Type: Cytogenetic assay
  - Species: V79 cells (embryonic lung fibroblasts) of the Chinese

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hamster  
Method: OECD Test Guideline 473  
Result: negative  
GLP: yes  
Remarks: By analogy with a product of similar composition

Germ cell mutagenicity - Assessment : It is concluded that the product is not mutagenic based on evaluation of several mutagenicity tests.

**Carcinogenicity****Components:****C.I. Pigment Black 7:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

**Calcium distearate:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

**Reproductive toxicity****Components:****C.I. Pigment Black 7:**

Effects on fertility :

Remarks: The study is not necessary from a scientific perspective.

Effects on foetal development : Remarks: The study is not necessary from a scientific perspective.

Reproductive toxicity - Assessment : No reproductive toxicity to be expected.  
No teratogenic effects to be expected.

**Calcium distearate:**

Effects on fertility :

Species: Rat  
Application Route: Oral  
NOAEL: > 1,000 mg/kg,  
F1: > 1,000 mg/kg,  
Method: OECD Test Guideline 421  
GLP: yes

Effects on foetal development : Species: Rat  
Application Route: Oral  
> 1,000 mg/kg  
Method: OECD Test Guideline 414  
GLP: yes  
Remarks: By analogy with a product of similar composition

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Reproductive toxicity - : No reproductive toxicity to be expected.  
Assessment No teratogenic effects to be expected.

**STOT - single exposure****Components:****C.I. Pigment Black 7:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

**Calcium distearate:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

**STOT - repeated exposure****Components:****C.I. Pigment Black 7:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Calcium distearate:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Repeated dose toxicity****Components:****C.I. Pigment Black 7:**

Species: Rat, female  
NOAEL: 52 mg/kg  
Application Route: oral (feed)  
Exposure time: 1 a - 2 a  
Number of exposures: daily  
Dose: 2,05 g/kg of chow diet  
Group: yes  
Method: Repeated Dose Toxicity (chronic Toxicity)  
GLP: No information available.  
Remarks: The product is non-toxic.

Species: Rat, male  
NOAEL: 0.0011 mg/l  
LOAEL: 0.0071 mg/l  
Application Route: Inhalation  
Exposure time: 13 w  
Number of exposures: 6 h per day; 5 d per week  
Dose: 1,1 - 7,1 - 52,8 mg/m<sup>3</sup>  
Group: yes

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Method: OECD Test Guideline 413

GLP: No information available.

Species: Mouse, male and female

Application Route: Skin contact

Exposure time: 12-18 m

Number of exposures: 3 times per week

Dose: 20% carbon black suspensions

Group: yes

Method: Repeated Dose Toxicity (chronic Toxicity)

GLP: no

Remarks: The product is non-toxic.

**Calcium distearate:**

Species: Rat

NOAEL: &gt; 2,000 mg/kg

Application Route: Oral

Method: OECD Test Guideline 407

GLP: yes

**Aspiration toxicity****Components:****C.I. Pigment Black 7:**

No aspiration toxicity classification

**Calcium distearate:**

No aspiration toxicity classification

**Experience with human exposure****Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to fish

:

Remarks: no data available

**Components:****C.I. Pigment Black 7:**

Toxicity to fish

:

LC0 (Brachydanio rerio (zebrafish)): 1,000 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Analytical monitoring: no

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Method: OECD Test Guideline 203

GLP: yes

Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 5,600 mg/l  
Exposure time: 24 h

Test Type: static test

Analytical monitoring: no

Method: OECD Test Guideline 202

GLP: yes

Remarks: The details of the toxic effect relate to the nominal concentration.

NOEC (Daphnia magna (Water flea)): 3,200 mg/l

Exposure time: 24 h

Test Type: static test

Analytical monitoring: no

Method: OECD Test Guideline 202

GLP: yes

Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 10,000 mg/l

End point: Growth rate

Exposure time: 72 h

Test Type: static test

Analytical monitoring: no

Method: OECD Test Guideline 201

GLP: yes

Remarks: The details of the toxic effect relate to the nominal concentration.

NOEC (Desmodesmus subspicatus (Scenedesmus subspicatus)): &gt; 10,000 mg/l

End point: Growth rate

Exposure time: 72 h

Test Type: static test

Analytical monitoring: no

Method: OECD Test Guideline 201

GLP: yes

Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to fish (Chronic toxicity) : Remarks: not reasonable

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: not reasonable

Toxicity to microorganisms : EC0 (activated sludge, domestic): > 400 mg/l  
Exposure time: 3 h  
Test Type: static test

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Analytical monitoring: no  
 Method: DEV L 3  
 GLP: no  
 Remarks: The details of the toxic effect relate to the nominal concentration.

Sediment toxicity : Remarks: Not applicable

**Calcium distearate:**

Toxicity to fish : LC50 (*Oryzias latipes*): > 100 mg/l  
 Exposure time: 96 h  
 Test Type: static test  
 Method: OECD Test Guideline 203  
 GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): > 100 mg/l  
 Exposure time: 48 h  
 Test Type: static test  
 Method: OECD Test Guideline 202  
 GLP: yes

Toxicity to algae : EC50 (*Pseudokirchneriella subcapitata* (green algae)): > 100 mg/l  
 Exposure time: 72 h  
 Test Type: static test  
 Method: OECD Test Guideline 201  
 GLP: yes

Toxicity to fish (Chronic toxicity) : Remarks: not required

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (*Daphnia magna* (Water flea)): > 0.22 mg/l  
 Exposure time: 21 d  
 Test Type: semi-static test  
 Method: OECD Test Guideline 211  
 GLP: yes  
 Remarks: By analogy with a product of similar composition

Toxicity to microorganisms : EC50 (activated sludge): > 1,000 mg/l  
 End point: Bacteria toxicity (respiration inhibition)  
 Exposure time: 3 h  
 Test Type: aquatic  
 Method: OECD Test Guideline 209  
 GLP: yes  
 Remarks: By analogy with a product of similar composition

Toxicity to soil dwelling organisms : Remarks: Not applicable

Plant toxicity : Remarks: Not applicable

Sediment toxicity : Remarks: no data available

Toxicity to terrestrial organisms : Remarks: Not applicable

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**Persistence and degradability****Components:****C.I. Pigment Black 7:**

Biodegradability : Remarks: Not applicable

**Calcium distearate:**Biodegradability : Result: Readily biodegradable.  
Biodegradation: 93 %  
Method: OECD Test Guideline 301CResult: Readily biodegradable.  
Biodegradation: 99 %  
Method: OECD Test Guideline 301B**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: not tested.

**Components:****C.I. Pigment Black 7:**

Bioaccumulation : Remarks: Not applicable

**Calcium distearate:**

Bioaccumulation : Remarks: Due to the low logPow bioaccumulation is not expected

**Mobility in soil****Product:**

Distribution among environmental compartments : Remarks: not tested.

**Components:****C.I. Pigment Black 7:**

Mobility : Remarks: Known distribution to environmental compartments

Distribution among environmental compartments : Adsorption/Soil  
Medium: water - soil  
Remarks: Not applicable**Other adverse effects****Product:**

Results of PBT and vPvB assessment : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological : Do not allow to enter ground water, waterways or waste water.



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information

**Components:****C.I. Pigment Black 7:**

- Environmental fate and pathways : not available
- Results of PBT and vPvB assessment : The substance is not identified as a PBT or as a vPvB substance.
- Additional ecological information : Do not allow to enter ground water, waterways or waste water.

**Calcium distearate:**

- Results of PBT and vPvB assessment : The substance is not identified as a PBT or as a vPvB substance.
- Additional ecological information : Do not allow to enter ground water, waterways or waste water.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

- Waste from residues : Dispose of this product in accordance with all applicable local, state and federal regulations.
- Contaminated packaging : Regulations concerning reuse or disposal of used packaging materials must be observed.

**SECTION 14. TRANSPORT INFORMATION**

<b>TDG</b>	not restricted
<b>IATA</b>	not restricted
<b>IMDG</b>	not restricted

**SECTION 15. REGULATORY INFORMATION****The components of this product are reported in the following inventories:**

- DSL : All components of this product are on the Canadian DSL

**Canadian lists**

No substances are subject to a Significant New Activity Notification.

**SECTION 16. OTHER INFORMATION****Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN -

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Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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