

MasterProtect FL 749

Version 1.1 Revision Date: 01/27/2021 SDS Number: 000000260305 Date of last issue: 08/20/2020
Date of first issue: 08/20/2020

SECTION 1. IDENTIFICATION

Product name : MasterProtect FL 749
Product code : 000000000051662533 000000000051662533
Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : MBSCS Canada, Inc.
Address : 7111 Syntex Drive, 3rd Floor
Mississauga ON L5N 8C3
Emergency telephone : ChemTel: +1-813-248-0585;

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the Hazardous Products Regulations**

Carcinogenicity (Inhalation) : Category 1A
Short-term (acute) aquatic hazard : Category 3
Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms :



Signal Word : Danger
Hazard Statements : H350 May cause cancer by inhalation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/

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face protection.

Response:

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

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|--|------------|-----------------------|
| Limestone | 1317-65-3 | >= 60 - < 80 |
| propane-1,2-diol | 57-55-6 | >= 1 - < 5 |
| Titanium dioxide | 13463-67-7 | >= 1 - < 5 |
| Quartz (SiO ₂) | 14808-60-7 | >= 0.1 - < 1 |
| mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9 | >= 0 - < 0.1 |

Actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
 Show this material safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
 If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Flush eyes with water as a precaution.
 Remove contact lenses.
 Protect unharmed eye.
 Keep eye wide open while rinsing.
 If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.

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If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray
Foam
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black

Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the ap-

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plication area.

Dispose of rinse water in accordance with local and national regulations.

Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
 Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place.
 Protect from direct sunlight.
 Store protected against freezing.

Materials to avoid : No applicable information available.

Recommended storage temperature : 5 °C

Further information on storage stability : Minimum storage temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------|-----------|---------------------------------|--|--------------------------------|
| Limestone | 1317-65-3 | REL value (Respirable) | 5 mg/m ³ | NIOSH |
| | | REL value (Total) | 10 mg/m ³ | NIOSH |
| | | PEL (Respirable fraction) | 5 mg/m ³ | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL (Total dust) | 15 mg/m ³ | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Respirable fraction) | 5 mg/m ³ | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA value (Total dust) | 15 mg/m ³ | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 10 mg/m ³ | CA AB OEL |
| | | TWAEV (total dust) | 10 mg/m ³ | CA QC OEL |
| | | TWA (Total dust) | 10 mg/m ³ | CA BC OEL |

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|----------------------------|------------|-------------------------------------|---|--------------------------------|
| | | TWA (respirable dust fraction) | 3 mg/m ³ | CA BC OEL |
| | | STEL | 20 mg/m ³ | CA BC OEL |
| Titanium dioxide | 13463-67-7 | TWA value | 10 mg/m ³ | ACGIHTLV |
| | | PEL (Total dust) | 15 mg/m ³ | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value (Total dust) | 10 mg/m ³ | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 10 mg/m ³ | CA AB OEL |
| | | TWA (Total dust) | 10 mg/m ³ | CA BC OEL |
| | | TWA (respirable dust fraction) | 3 mg/m ³ | CA BC OEL |
| | | TWAEV (total dust) | 10 mg/m ³ | CA QC OEL |
| | | TWA | 10 mg/m ³ (Titanium dioxide) | ACGIH |
| Quartz (SiO ₂) | 14808-60-7 | TWA value (Respirable fraction) | 0.025 mg/m ³ | ACGIHTLV |
| | | TWA value | 0.05 mg/m ³ (Respirable dust) | 29 CFR 1910.1001-1050 |
| | | OSHA Action level | 0.025 mg/m ³ (Respirable dust) | 29 CFR 1910.1001-1050 |
| | | REL value (Respirable dust) | 0.05 mg/m ³ | NIOSH |
| | | TWA (Respirable particulates) | 0.025 mg/m ³ | CA AB OEL |
| | | TWA (Respirable fraction) | 0.1 mg/m ³ | CA ON OEL |
| | | TWAEV (respirable dust) | 0.1 mg/m ³ | CA QC OEL |
| | | TWA (Respirable) | 0.025 mg/m ³ (Silica) | CA BC OEL |
| | | TWA (Respirable particulate matter) | 0.025 mg/m ³ (Silica) | ACGIH |

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

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Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Avoid contact with the skin, eyes and clothing.
No special measures necessary if stored and handled correctly.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.

Hygiene measures : Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : slightly viscous

Color : white

Odor : mild

Odor Threshold : No data available

pH : Not applicable

Melting point : No applicable information available.

Freezing point : No applicable information available.

Boiling point : 185 - 190 °C

Flash point : does not flash

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Self-ignition : not self-igniting

Upper explosion limit / Upper flammability limit : No applicable information available.

Lower explosion limit / Lower : No applicable information available.

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flammability limit

Vapor pressure : Not applicable

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.82 g/cm³ (20 °C)

Bulk density : 1,800 - 2,400 kg/m³

Solubility(ies)

 Water solubility : slightly soluble

 Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

 Viscosity, dynamic : No applicable information available.

 Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive
Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids
Strong bases

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Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks : Causes sensitization.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

May cause cancer by inhalation.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

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Components:**propane-1,2-diol:**

Not applicable

Further information**Product:**

Remarks : No data available

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

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:**mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

Persistence and degradability

No data available

Bioaccumulative potential**Components:****propane-1,2-diol:**Partition coefficient: n-octanol/water : log Pow: -1.07 (20.5 °C)
pH: 6.2 - 6.4
Method: Partition coefficient
GLP: yes**Mobility in soil**

No data available

Other adverse effects**Product:**Additional ecological information : Hazardous to the aquatic environment - acute hazard
Hazardous to the aquatic environment - chronic hazard

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The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS
Disposal methods

- Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with national, state and local regulations.
Do not discharge into drains/surface waters/groundwater.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION
International Regulations**UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**TDG**

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

- NPRI Components** : Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched
n-butanol
2-methylpropan-2-ol
n-butyl acrylate
1,4-dioxane
acrylic acid
Copper dinitrate
styrene
ethylbenzene
trisodium nitrilotriacetate
acrylamide
ethylene oxide

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acetaldehyde

The ingredients of this product are reported in the following inventories:

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

TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

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

29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)

29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000

29 CFR 1910.1001-1050 : OSHA - Specifically Regulated Substances (29 CFR 1910.1001-1050)

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)

CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)

CA BC OEL : Canada. British Columbia OEL

CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.

CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)

29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):

29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit

29 CFR 1910.1001-1050 / OSHA Action level : OSHA Action level:

29 CFR 1910.1001-1050 / TWA value : Time Weighted Average (TWA):

ACGIH / TWA : 8-hour, time-weighted average

ACGIHTLV / TWA value : Time Weighted Average (TWA):

CA AB OEL / TWA : 8-hour Occupational exposure limit

CA BC OEL / TWA : 8-hour time weighted average

CA BC OEL / STEL : short-term exposure limit

CA ON OEL / TWA : Time-Weighted Average Limit (TWA)

CA QC OEL / TWA EV : Time-weighted average exposure value

NIOSH / REL value : Recommended exposure limit (REL):

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; DIN - 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

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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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CA / EN