

**MasterTop TC 504 PART B**

Version            Revision Date:            SDS Number:            Date of last issue: -  
1.0                09/22/2020                000000260335            Date of first issue: 09/22/2020

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**SECTION 1. IDENTIFICATION**

Product name                                : MasterTop TC 504 PART B  
Product code                                : 000000000055510757 000000000055510757  
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.

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

Acute toxicity (Oral)                        : Category 4  
Acute toxicity (Inhalation)                 : Category 4  
Acute toxicity (Dermal)                     : Category 4  
Skin corrosion/irritation                   : Category 1B  
Serious eye damage/eye irritation         : Category 1  
Skin sensitization                            : Category 1  
Reproductive toxicity                        : Category 2  
Reproductive toxicity                        : Category 2  
Short-term (acute) aquatic hazard         : Category 1  
Long-term (chronic) aquatic hazard        : Category 1

**GHS label elements**

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Hazard pictograms

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Signal Word

: Danger

Hazard Statements

: H312 Harmful in contact with skin.  
 H332 Harmful if inhaled.  
 H302 Harmful if swallowed.  
 H317 May cause an allergic skin reaction.  
 H361 Suspected of damaging fertility or the unborn child.  
 H314 Causes severe skin burns and eye damage.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

:

**Prevention:**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
 P260 Do not breathe dust or mist.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P270 Do not eat, drink or smoke when using this product.  
 P264 Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P310 Immediately call a POISON CENTER/ doctor/  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P303 + P361 + P352 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.  
 P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P301 + P330 IF SWALLOWED: rinse mouth.  
 P391 Collect spillage.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to appropriate hazardous waste collection point.

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**Other hazards**

No data available.

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

Chemical nature : No data available.

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
m-Phenylenebis(methylamine)	1477-55-0	>= 10 - < 75
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	>= 10 - < 75
4-nonylphenol, branched	84852-15-3	>= 10 - < 75
nonylphenol	25154-52-3	>= 25 - < 50

**SECTION 4. FIRST AID MEASURES**

- General advice : Move out of dangerous area.  
 Consult a physician.  
 Show this material safety data sheet to the doctor in attendance.  
 Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.  
 If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.  
 Take victim immediately to hospital.  
 If on skin, rinse well with water.  
 If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 Continue rinsing eyes during transport to hospital.  
 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 induce vomiting.  
 Do not give milk or alcoholic beverages.  
 Never give anything by mouth to an unconscious person.  
 If symptoms persist, call a physician.  
 Take victim immediately to hospital.
- Most important symptoms and effects, both acute and : Harmful if swallowed, in contact with skin or if inhaled.  
 May cause an allergic skin reaction.

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delayed Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.  
Causes severe burns.

Notes to physician : Treat symptomatically.

**SECTION 5. FIRE-FIGHTING MEASURES**

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

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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.  
Ensure adequate ventilation.

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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 : Avoid formation of aerosol.  
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.  
Provide sufficient air exchange and/or exhaust in work rooms.  
To avoid spills during handling keep bottle on a metal tray.  
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.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
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, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.  
Store protected against freezing.
- Materials to avoid : Observe VCI storage rules.
- 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
m-Phenylenebis(methylamine)	1477-55-0	CLV	0.1 mg/m <sup>3</sup>	ACGIHTLV
		CLV	0.1 mg/m <sup>3</sup>	29 CFR 1910.1000 (Table Z-1-A)
		Ceil_Time	0.1 mg/m <sup>3</sup>	NIOSH
		CLV	0.018 ppm	ACGIHTLV
		(c)	0.1 mg/m <sup>3</sup>	CA AB OEL
		C	0.1 mg/m <sup>3</sup>	CA BC OEL
		C	0.1 mg/m <sup>3</sup>	CA QC OEL
		C	0.018 ppm	ACGIH

**Engineering measures** : No applicable information available.

**Personal protective equipment**

Respiratory protection : Wear a NIOSH-certified (or equivalent) respirator as necessary.

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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  
Wear face-shield and protective suit for abnormal processing problems.

## 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

: Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Handle in accordance with good building materials hygiene and safety practice.

## Hygiene measures

: When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

## Appearance

: liquid

## Color

: clear

## Odor

: fish-like

## Odor Threshold

: No data available

## pH

: neutral to slightly alkaline

## Melting point

: No applicable information available.

## Freezing point

No applicable information available.

## Boiling point

: 210 °C

## Flash point

: 98 °C

Method: Flash-Point by Pensky-Martens Closed Cup Tester.

## Evaporation rate

: No applicable information available.

## Flammability (solid, gas)

: not highly flammable  
Method: derived from flash point

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Upper explosion limit / Upper flammability limit : No data available.

Lower explosion limit / Lower flammability limit : No data available.

Vapor pressure : No data available.

Relative vapor density : Heavier than air.

Relative density : 0.95

Density : 0.95 g/cm<sup>3</sup> (20 °C)

Bulk density : not applicable

Solubility(ies)  
Water solubility : insoluble

Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No data available.

Autoignition temperature : No data available

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

Viscosity  
Viscosity, dynamic : No data 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

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**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.

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Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Oxidizing agents strong alkalis Acids
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Harmful if swallowed, in contact with skin or if inhaled.

**Product:**

Acute oral toxicity	:	ATE: 500.00 mg/kg
Acute inhalation toxicity	:	ATE: 2.31 mg/l Remarks: Determined for mist
Acute dermal toxicity	:	ATE: 1,896 mg/kg

**Skin corrosion/irritation**

Causes severe burns.

**Product:**

Remarks	:	Extremely corrosive and destructive to tissue.
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**Serious eye damage/eye irritation**

Causes serious eye damage.

**Product:**

Remarks	:	May cause irreversible eye damage.
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**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Product:**

Remarks	:	Causes sensitization.
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**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.



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**Reproductive toxicity**

Suspected of damaging fertility or the unborn child.

**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.

**Further information****Product:**

Remarks : No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****m-Phenylenebis(methylamine):**

Partition coefficient: n-octanol/water : log Pow: 0.18 (25 °C)  
pH: 10.3 - 10.4  
Method: Partition coefficient (n-octanol/water), Shake-flask method  
GLP: yes

**3-aminomethyl-3,5,5-trimethylcyclohexylamine:**

Partition coefficient: n-octanol/water : log Pow: 0.99 (23 °C)  
pH: 6.3  
Method: Partition coefficient  
GLP: no

**nonylphenol:**

Partition coefficient: n-octanol/water : log Pow: 4.48

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of

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mation unprofessional handling or disposal.  
Very toxic to aquatic life.  
Very toxic to aquatic life with long lasting effects.

**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**

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(ISOPHORONEDIAMNINE, NONYLPHENOL)  
Class : 8  
Packing group : III  
Labels : 8

**IATA-DGR**

UN/ID No. : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(ISOPHORONEDIAMNINE, NONYLPHENOL)  
Class : 8  
Packing group : III  
Labels : Corrosive  
Packing instruction (cargo aircraft) : 856  
Packing instruction (passenger aircraft) : 852

**IMDG-Code**

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(ISOPHORONEDIAMNINE, NONYLPHENOL)  
Class : 8  
Packing group : III  
Labels : 8  
EmS Code : F-A, S-B  
Marine pollutant : no

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

Not applicable for product as supplied.

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**Domestic regulation****TDG**

UN number	: UN 1760
Proper shipping name	: CORROSIVE LIQUID, N.O.S. (ISOPHORONEDIAMNINE, NONYLPHENOL)
Class	: 8
Packing group	: III
Labels	: 8
ERG Code	: 154
Marine pollutant	: no

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

DSL	: On the inventory, or in compliance with the inventory
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**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)
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 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) / CLV	: Ceiling Limit Value:
ACGIH / C	: Ceiling limit
ACGIHTLV / CLV	: Ceiling Limit Value:
CA AB OEL / (c)	: ceiling occupational exposure limit
CA BC OEL / C	: ceiling limit
CA QC OEL / C	: Ceiling
NIOSH / Ceil_Time	: Ceiling Limit Value and Time Period (if specified):

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;

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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; KECl - 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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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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