

## MasterTop TC 693 PTB

Version 1.0      Revision Date: 02/03/2021      SDS Number: 000000979781      Date of last issue: -  
Date of first issue: 02/03/2021

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**SECTION 1. IDENTIFICATION**

Product name : MasterTop TC 693 PTB  
Product code : 000000000050683178 000000000050683178  
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**

Flammable liquids : Category 4  
Skin sensitization : Category 1  
Specific target organ toxicity : Category 3  
- single exposure  
Hazardous to the aquatic : Category 2  
environment - acute hazard  
Hazardous to the aquatic : Category 2  
environment - chronic hazard

**GHS label elements**

Hazard pictograms :  

Signal Word : Warning

Hazard Statements : H227 Combustible liquid.  
H332 Harmful if inhaled.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.  
H401 Toxic to aquatic life.

## MasterTop TC 693 PTB

Version 1.0      Revision Date: 02/03/2021      SDS Number: 000000979781      Date of last issue: -  
 Date of first issue: 02/03/2021

H411 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.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P272 Contaminated work clothing should not be allowed out of the workplace.

**Response:**

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

**Disposal:**

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

**Other hazards**

None known.

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

Chemical nature : No applicable information available.

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
HDI-oligomer (trimer)	28182-81-2	>= 15 - < 20
Solvent naphtha (petroleum), light arom.	64742-95-6	>= 0 - < 15
1,2,4-trimethylbenzene	95-63-6	>= 0 - < 15
Trimethylbenzene	25551-13-7	>= 0 - < 7
mesitylene	108-67-8	>= 0 - < 3

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

---

**SECTION 4. FIRST AID MEASURES**

- General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.
- If inhaled : Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.
- In case of skin contact : After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.
- In case of eye contact : Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.
- Notes to physician : Treat symptomatically.
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**SECTION 5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black
- Further information : The degree of risk is governed by the burning substance and the fire conditions.  
If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.
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## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Wear eye/face protection.  
Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.  
Dispose of absorbed material in accordance with regulations.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.
- Advice on safe handling : Avoid inhalation of dusts/mists/vapours.  
Avoid skin contact.  
Ensure adequate ventilation.  
No special measures necessary provided product is used correctly.
- 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.
- Materials to avoid : No applicable information available.

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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
1,2,4-trimethylbenzene	95-63-6	TWA value	25 ppm	ACGIHTLV
		REL value	25 ppm 125 mg/m <sup>3</sup>	NIOSH
		TWA value	25 ppm 125 mg/m <sup>3</sup>	29 CFR 1910.1000 (Table Z-1-A)
		TWA	25 ppm 123 mg/m <sup>3</sup>	CA AB OEL
		TWAEV	25 ppm 123 mg/m <sup>3</sup>	CA QC OEL
mesitylene	108-67-8	TWA	25 ppm	CA BC OEL
		TWA	25 ppm	ACGIH
		TWA value	25 ppm	ACGIHTLV
		REL value	25 ppm 125 mg/m <sup>3</sup>	NIOSH

## MasterTop TC 693 PTB

Version 1.0      Revision Date: 02/03/2021      SDS Number: 000000979781      Date of last issue: -  
Date of first issue: 02/03/2021

		TWA value	25 ppm 125 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	25 ppm 123 mg/m3	CA AB OEL
		TWAEV	25 ppm 123 mg/m3	CA QC OEL
		TWA	25 ppm	CA BC OEL
		TWA	25 ppm	ACGIH
Trimethylbenzene	25551-13-7	TWA value	25 ppm	ACGIHTLV
		TWA value	25 ppm 125 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		REL value	25 ppm 125 mg/m3	NIOSH
		TWA	25 ppm 123 mg/m3	CA AB OEL
		TWAEV	25 ppm 123 mg/m3	CA QC OEL
		TWA	25 ppm	CA BC OEL
		TWA	25 ppm	ACGIH
Solvent naphtha, petroleum, light aromatic	64742-95-6	REL value	100 ppm 400 mg/m3	NIOSH
		PEL	100 ppm 400 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	100 ppm 400 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	200 mg/m3 (total hydrocarbon vapor)	CA AB OEL
		TWA	200 mg/m3 (total hydrocarbon vapor)	ACGIH

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

**Personal protective equipment**

Respiratory protection : Wear respiratory protection if ventilation is inadequate.  
Wear a NIOSH-certified (or equivalent) respirator as necessary.

Hand protection

Remarks : Chemical resistant protective gloves Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses with side-shields.

Skin and body protection : Body protection must be chosen based on level of activity and exposure.

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

- 
- Protective measures : Do not inhale dust/fumes/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.
- Hygiene measures : When using, do not eat, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
At the end of the shift the skin should be cleaned and skin-care agents applied.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).  
When using do not eat or drink.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Color : clear
- Odor : slight odour, faintly aromatic
- Odor Threshold : not determined
- pH : Not applicable
- Melting point : No applicable information available.
- Freezing point : No applicable information available.
- Boiling point : No applicable information available.
- Flash point : 66.00 °C  
Method: Standard Method of Test for Flash Point by Setaflash Closed Tester
- Evaporation rate : No applicable information available.
- Flammability (solid, gas) : Combustible liquid.
- Upper explosion limit / Upper flammability limit : No applicable information available.
- Lower explosion limit / Lower flammability limit : No applicable information available.
- Vapor pressure : No applicable information available.

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

---

Relative vapor density	:	No applicable information available.
Relative density	:	No applicable information available.
Density	:	1.1000 g/cm <sup>3</sup> (20.00 °C)
Solubility(ies)		
Water solubility	:	not determined
Solubility in other solvents	:	No applicable information available.
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	No applicable information 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.
Oxidizing properties	:	Not an oxidizer.
Sublimation point	:	No applicable information available.
Molecular weight	:	No applicable information available.

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	The product is stable if stored and handled as prescribed/indicated.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents Strong reducing agents
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

---

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

Not classified based on available information.

**Product:**

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : ATE: 2.36 mg/l  
Remarks: Determined for mist

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**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

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

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.



## MasterTop TC 693 PTB

Version 1.0      Revision Date: 02/03/2021      SDS Number: 000000979781      Date of last issue: -  
Date of first issue: 02/03/2021

---

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

Acute aquatic toxicity : Toxic to aquatic life.

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

**Persistence and degradability****Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available.  
Discharge into the environment must be avoided.

**Components:****Solvent naphtha (petroleum), light arom.:**

Partition coefficient: n-octanol/water : log Pow: 3.17  
Method: other (calculated)  
GLP: no

**1,2,4-trimethylbenzene:**

Partition coefficient: n-octanol/water : log Pow: 3.63 (25 °C)  
Method: other (calculated)

**mesitylene:**

Partition coefficient: n-octanol/water : log Pow: 3.42  
Method: other (measured)

**Mobility in soil**

No data available

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

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

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

- Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.  
Do not contaminate ponds, waterways or ditches with chemical or used container.
- 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 3082
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(SOLVENT NAPHTHA, TRIMETHYLBENZENE)
- Class : 9
- Subsidiary risk : EHSM
- Packing group : III
- Labels : 9 (EHSM)

**IATA-DGR**

- UN/ID No. : UN 3082
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(SOLVENT NAPHTHA, TRIMETHYLBENZENE)
- Class : 9
- Subsidiary risk : EHSM
- Packing group : III
- Labels : Miscellaneous, Environmentally hazardous
- Packing instruction (cargo aircraft) : 964
- Packing instruction (passenger aircraft) : 964

**IMDG-Code**

- UN number : UN 3082
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(SOLVENT NAPHTHA, TRIMETHYLBENZENE)
- Class : 9
- Subsidiary risk : EHSM
- Packing group : III
- Labels : 9 (EHSM)
- EmS Code : F-A, S-F
- Marine pollutant : yes

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

**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

**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 : 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

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

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

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

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

## MasterTop TC 693 PTB

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	02/03/2021	000000979781	Date of first issue: 02/03/2021

---

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 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

Revision Date : 02/03/2021

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**MasterTop TC 693 PTB**

Version	Revision Date:	SDS Number:	Date of last issue: -
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