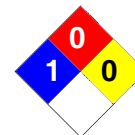


# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** MFT PRE-CAP  
**Product Use:** Carpet cleaner  
**WHMIS Class:** Class D - Division 2B  
**TDG Classification:** Not regulated as dangerous goods.  
**Manufacturer/Supplier:** MFT National Cleaning Services Inc.  
90 Esna Park Drive, Unit 14  
Markham, ON L3R 2R7 CA  
Phone: 1-800-791-8835  
Emergency Phone: 1-800-791-8835

| LEGEND<br>HMIS/NFPA |   | Health              | / | 1 |
|---------------------|---|---------------------|---|---|
| Severe              | 4 | Flammability        |   | 0 |
| Serious             | 3 | Physical Hazard     |   | 0 |
| Moderate            | 2 | Personal Protection |   | X |
| Slight              | 1 |                     |   |   |
| Minimal             | 0 |                     |   |   |



## SECTION II - HAZARDOUS INGREDIENTS

| <u>In ingredient(s)</u>       | <u>CAS #</u> | <u>Wt%</u> | <u>ACGIH-TLV</u> | <u>LC50</u>   | <u>Oral LD50</u> |
|-------------------------------|--------------|------------|------------------|---------------|------------------|
| Sodium citrate                | 68-04-2      | 1 - 5      | Not established  | Not available | 5000 mg/kg rat   |
| Alcohols, C12-15, ethoxylated | 68131-39-5   | 1 - 5      | Not established  | Not available | 1600 mg/kg rat   |
| Alcohols, C12-13, ethoxylated | 66455-14-9   | 1 - 5      | Not established  | Not available | 2000 mg/kg rat   |

## SECTION III - PHYSICAL DATA

|                             |                     |   |               |
|-----------------------------|---------------------|---|---------------|
| <b>Boiling Point:</b>       | Not available       | <b>Specific Gravity:</b>                      | 1.03          |
| <b>Freezing Point:</b>      | Not available       | <b>Coefficient of Water/Oil Distribution:</b> | Not available |
| <b>Vapour Pressure:</b>     | Not available       | <b>% Volatile:</b>                            | Not available |
| <b>Vapour Density:</b>      | Not available       | <b>Evaporation Rate:</b>                      | Not available |
| <b>Solubility in Water:</b> | Complete            | <b>pH:</b>                                    | 7.5           |
| <b>Physical State:</b>      | Liquid              | <b>Viscosity:</b>                             | Not available |
| <b>Appearance:</b>          | Light yellow Liquid | <b>Odour Threshold:</b>                       | Not available |
| <b>Odour:</b>               | None                |   |               |

## SECTION IV - FIRE AND EXPLOSION DATA

|  |  |             |               |
|--|--|-------------|---------------|
| <b>Flammability:</b>                     | Not flammable by WHMIS criteria.                               |             |               |
| <b>Flash Point:</b>                      | Not available  | <b>LEL:</b> | Not available |
| <b>Hazardous Combustion Products:</b>    | May include and are not limited to: Oxides of carbon.          |             |               |
| <b>Autoignition Temperature:</b>         | Not available  |             |               |
| <b>Explosion Data:</b>                   |  |             |               |
| <b>Sensitivity to Mechanical Impact:</b> | Not available  |             |               |
| <b>Sensitivity to Static Discharge:</b>  | Not available  |             |               |
| <b>Means of Extinction:</b>              | Dry chemical. Carbon dioxide. Fog. Foam.                       |             |               |
| <b>Special Fire Hazards:</b>             | Firefighters should wear a self-contained breathing apparatus. |             |               |

## SECTION V - REACTIVITY DATA

|   |   |
|---|---|
| <b>Conditions for Chemical Instability:</b>   | Stable under recommended storage conditions.          |
| <b>Incompatible Materials:</b>                | Acids. Oxidizers. Reducing agents.                    |
| <b>Reactivity, and Under What Conditions:</b> | Do not mix with other chemicals.                      |
| <b>Hazardous Decomposition Products:</b>      | May include and are not limited to: Oxides of carbon. |

## SECTION VI - TOXICOLOGICAL PROPERTIES

**Route of Entry:** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

### EFFECTS OF ACUTE EXPOSURE:

**Eye:** May cause irritation.

**Skin:** May cause irritation.  
**Inhalation:** May cause respiratory tract irritation.  
**Ingestion:** May cause stomach distress, nausea or vomiting.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Irritancy:** May cause irritation.  
**Respiratory Tract Sensitization:** Non-hazardous by WHMIS criteria.  
**Carcinogenicity:** Non-hazardous by WHMIS criteria.  
**Teratogenicity:** Non-hazardous by WHMIS criteria.  
**Mutagenicity:** Non-hazardous by WHMIS criteria.  
**Reproductive Effects:** Non-hazardous by WHMIS criteria.  
**Name of Toxicologically Synergistic Products:** Not available

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**SECTION VII - PREVENTATIVE MEASURES**

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**Gloves:** Rubber gloves. Confirm with a reputable supplier first.  
**Eye Protection:** Wear safety glasses with side shields.  
**Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.  
**Other Protective Equipment:** As required by employer code.  
**Engineering Controls:** General ventilation normally adequate.  
**Leak and Spill Procedure:** Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.  
**Waste Disposal:** Review federal, provincial, and local government requirements prior to disposal.  
**Handling Requirements:** Use good industrial hygiene practices in handling this material. Avoid contact with eyes and skin. Wash thoroughly after handling.  
**Storage Requirements:** Keep out of reach of children. Store in a closed container away from incompatible materials.

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**SECTION VIII - FIRST AID**

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**Eye:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.  
**Skin:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.  
**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.  
**Ingestion:** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

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**SECTION IX - PREPARATION INFORMATION**

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**Effective Date:** 15-Mar-2012

**Expiry Date:** 15-Mar-2015

**Prepared By:** Dell Tech Laboratories Ltd. (519) 858-5021

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.