# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **TMF SuperCap Oxy 3X**

**Other means of identification**

**Product code** B86

**Recommended use** Carpet cleaner.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer/Supplier** TruckMountForums / TMF Chemical
1728 South Park Ct.
Chesapeake VA 23320
USA

**Telephone** 800-949-7726

**Emergency** 24 Hour Emergency: 800-535-5053

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The product does not meet the criteria for classification.

**Precautionary statement**

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | CAS number | % |
|---|---|---|
| Ammonium lauryl sulfate | 68081-96-9 | 5 - < 10 |
| Hydrogen peroxide | 7722-84-1 | 1 - < 3 |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

| | |
|---|---|
| **Most important symptoms/effects, acute and delayed** | Exposed individuals may experience eye tearing, redness, and discomfort. |
| **Indication of immediate medical attention and special treatment needed** | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| **General information** | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

| | |
|---|---|
| **Suitable extinguishing media** | Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| **Unsuitable extinguishing media** | Do not use water jet as an extinguisher, as this will spread the fire. |
| **Specific hazards arising from the chemical** | During fire, gases hazardous to health may be formed. |
| **Special protective equipment and precautions for firefighters** | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| **Fire fighting equipment/instructions** | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. |
| **General fire hazards** | No unusual fire or explosion hazards noted. |

## 6. Accidental release measures

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | For industrial use, wear appropriate personal protective equipment (See Section 8). Wear protective gloves. |
| **Methods and materials for containment and cleaning up** | Absorb spill with vermiculite or other inert material, then place in a container for chemical waste for proper disposal.<br><br>Large Spills: Dike for later disposal. Flush area with water. Prevent runoff from entering drains, sewers, or streams. |
| **Environmental precautions** | Avoid discharge into drains, water courses or onto the ground. |

## 7. Handling and storage

| | |
|---|---|
| **Precautions for safe handling** | Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with skin and eyes. Keep from freezing. If frozen, allow to thaw to room temperature. Mix before using. |
| **Conditions for safe storage, including any incompatibilities** | Store in original tightly closed container. Store in upright position. Store away from incompatible materials (see Section 10 of the SDS). |

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components | Type | Value |
|---|---|---|
| Hydrogen peroxide (CAS 7722-84-1) | PEL | 1.4 mg/m3<br><br>1 ppm |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value |
|---|---|---|
| Hydrogen peroxide (CAS 7722-84-1) | TWA | 1 ppm |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components | Type | Value |
|---|---|---|
| Hydrogen peroxide (CAS 7722-84-1) | TWA | 1.4 mg/m3<br><br>1 ppm |

| | |
|---|---|
| **Biological limit values** | No biological exposure limits noted for the ingredient(s). |

| | |
|---|---|
| **Appropriate engineering controls** | Ensure adequate ventilation, especially in confined areas. |

**Individual protection measures, such as personal protective equipment**

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|---|---|
| **Eye/face protection** | Wear safety glasses with side shields (or goggles). |
| **Skin protection** | |
| **Hand protection** | Chemical resistant gloves are recommended. |
| **Other** | Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information. |
| **Respiratory protection** | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information. |
| **Thermal hazards** | Not applicable. |
| **General hygiene considerations** | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |

## 9. Physical and chemical properties

| | |
|---|---|
| **Appearance** | |
| **Physical state** | Liquid. |
| **Form** | Opaque liquid. |
| **Color** | White to light yellow. |
| **Odor** | No fragrance added. |
| **Odor threshold** | Not determined. |
| **pH** | 6.8 Ready to use.<br>6 As supplied. |
| **Melting point/freezing point** | Not determined. |
| **Initial boiling point and boiling range** | Not determined. |
| **Flash point** | Not applicable. |
| **Evaporation rate** | Not determined. |
| **Flammability (solid, gas)** | Not applicable. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit - lower (%)** | Not determined. |
| **Flammability limit - upper (%)** | Not determined. |
| **Vapor pressure** | Not determined. |
| **Vapor density** | Not determined. |
| **Relative density** | 1.035 |
| **Solubility(ies)** | |
| **Solubility (water)** | Complete. |
| **Partition coefficient (n-octanol/water)** | Not determined. |
| **Auto-ignition temperature** | Not applicable. |
| **Decomposition temperature** | Not determined. |
| **Viscosity** | Not determined. |
| **Other information** | |
| **Explosive properties** | Not explosive. |
| **Oxidizing properties** | Not oxidizing. |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity** | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| **Chemical stability** | Material is stable under normal conditions. |

| | |
|---|---|
| **Possibility of hazardous reactions** | No dangerous reaction known under conditions of normal use. |
| **Conditions to avoid** | Contact with incompatible materials. Keep from freezing. |
| **Incompatible materials** | Strong oxidizing agents. |
| **Hazardous decomposition products** | No hazardous decomposition products are known. |

## 11. Toxicological information

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | High mist concentrations may cause irritation of respiratory tract. |
| **Skin contact** | Prolonged or repeated skin contact may cause irritation. |
| **Eye contact** | Direct contact with eyes may cause temporary irritation. |
| **Ingestion** | Ingestion may cause irritation and malaise. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Exposed individuals may experience eye tearing, redness, and discomfort. |

**Information on toxicological effects**

| | |
|---|---|
| **Acute toxicity** | Expected to be a low hazard for usual industrial or commercial handling by trained personnel. |
| **Skin corrosion/irritation** | Prolonged or repeated contact may dry skin and cause irritation. |
| **Serious eye damage/eye irritation** | Direct contact with eyes may cause temporary irritation. |

**Respiratory or skin sensitization**

| | |
|---|---|
| **Respiratory sensitization** | No data available. |
| **Skin sensitization** | The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals. |
| **Germ cell mutagenicity** | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| **Carcinogenicity** | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| Hydrogen peroxide (CAS 7722-84-1) | 3 Not classifiable as to carcinogenicity to humans. |

**NTP Report on Carcinogens**

Not listed.

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

Not regulated.

| | |
|---|---|
| **Reproductive toxicity** | This product is not expected to cause reproductive or developmental effects. |
| **Specific target organ toxicity - single exposure** | Based on available data, the classification criteria are not met. |
| **Specific target organ toxicity - repeated exposure** | Based on available data, the classification criteria are not met. |
| **Aspiration hazard** | Not classified. |

## 12. Ecological information

| | |
|---|---|
| **Ecotoxicity** | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| **Persistence and degradability** | No data is available on the degradability of this product. |
| **Bioaccumulative potential** | No data available. |
| **Mobility in soil** | No data available. |
| **Other adverse effects** | None known. |

## 13. Disposal considerations

| | |
|---|---|
| **Disposal instructions** | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| **Hazardous waste code** | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| **Waste from residues / unused products** | Dispose of in accordance with local regulations. |

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This product is not intended to be transported in bulk.

## 15. Regulatory information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

| Chemical name | CAS number | Reportable quantity (pounds) | Threshold planning quantity (pounds) | Threshold planning quantity, lower value (pounds) | Threshold planning quantity, upper value (pounds) |
|---|---|---|---|---|---|
| Hydrogen peroxide | 7722-84-1 | 1000 | 1000 | | |

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations**

**US. Massachusetts RTK - Substance List**

Hydrogen peroxide (CAS 7722-84-1)

**US. New Jersey Worker and Community Right-to-Know Act**

Hydrogen peroxide (CAS 7722-84-1)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Hydrogen peroxide (CAS 7722-84-1)

**US. Rhode Island RTK**

Hydrogen peroxide (CAS 7722-84-1)

**US. California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 26-May-2016

**Revision date** -

**Version #** 01

**NFPA ratings**

**List of abbreviations** PEL: Permissible Exposure Limit.
TWA: Time weighted average.

**References** HSDB® - Hazardous Substances Data Bank
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

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