



# MATERIAL SAFETY DATA SHEET

## Capture® Professional Steam Clean Detergent (4 gallon case)

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identification**

Product Name: Capture® Professional Steam Clean Detergent (4 gallon case)  
CAS Number: Blend

**Company Identification**

Milliken Chemical  
P.O. Box 817  
1440 Campton Road  
Inman, SC 29349 USA  
1-864-472-9041 (For questions and emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)



**PRODUCT USE:**

Cleaner.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% Capture® Professional Steam Clean Detergent (4 gallon case)

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

| Chemical Name              | Amount      | CAS Number |
|----------------------------|-------------|------------|
| ALKYLNAPHTHALENE SULFONATE | 3.0 - 4.0 % |            |
| GLYCOL ETHERS              | 2.0 - 4.0 % |            |

NON-HAZARDOUS COMPONENTS

| Chemical Name     | Amount        | CAS Number |
|-------------------|---------------|------------|
| PROPRIETARY BLEND | 92.0 - 95.0 % |            |

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**

Prolonged or repeated contact may cause skin or eye irritation. Avoid contact with eyes.

**HFRP Rating:**

Health - 1  
Flammability - 0  
Reactivity - 0  
Personal Protection Index - B

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NFPA/HFRP Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or an internally derived Milliken system (for HFRP ratings).

#### **POTENTIAL HEALTH EFFECTS**

**EYE:**

May cause eye irritation.

**SKIN:**

Prolonged or repeated skin contact may cause irritation.

**INHALATION:**

No known risks due to inhalation.

**INGESTION:**

No known hazards when used according to container instructions.

### **4. FIRST AID MEASURES**

**EYE CONTACT FIRST AID:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

**SKIN CONTACT FIRST AID:**

Get medical attention if irritation develops or persists.

**INHALATION FIRST AID:**

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Contact a physician.

**INGESTION FIRST AID:**

Contact a physician. Do not induce vomiting.

### **5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

TCC Flash Point: > 100.0 C (> 212.0 F)

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: %

UEL: %

**EXTINGUISHING MEDIA:**

Water, carbon dioxide, foam or dry powder.

**FIRE & EXPLOSION HAZARDS:**

No known unusual hazards in a fire/explosion situation.

**FIRE FIGHTING INSTRUCTIONS:**

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

### **6. ACCIDENTAL RELEASE MEASURES**

**SAFEGUARDS (PERSONNEL):**



Wear appropriate personal protective equipment.

**SPILL PROCEDURE:**

Contain spilled material. Large spillage should be dammed-off and pumped into containers. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

**INITIAL CONTAINMENT:**

Contain spilled material. All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements.

## 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):**

Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

**HANDLING (PHYSICAL ASPECTS):**

Keep from freezing. Keep container closed to avoid contamination.

**STORAGE PRECAUTIONS:**

Keep out of reach of children. Keep from freezing. Keep container tightly closed. Store in a well ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Good general ventilation should be sufficient to control airborne levels.

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses.

**SKIN PROTECTION REQUIREMENTS:**

Wear protective gloves to minimize skin contamination. Wear appropriate personal protective equipment.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special respiratory protective equipment is required.

**EXPOSURE GUIDELINES:**

No Information Available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                      |                            |
|----------------------|----------------------------|
| FORM:                | Liquid                     |
| COLOR:               | Amber                      |
| ODOR:                | Mild odor                  |
| SOLUBILITY IN WATER: | Complete                   |
| SPECIFIC GRAVITY:    | 1.03 (typical) (Water = 1) |
| PH:                  | 9.4-9.6 at 3.6% solution   |
| % VOLATILES:         | approx. 90 %               |

## 10. STABILITY AND REACTIVITY

**STABILITY:**

This compound is stable at ambient conditions.



**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents. Keep from freezing.

**DECOMPOSITION:**

Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

No information available.

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:**

All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements. Uncleaned empty containers should be disposed of in the same manner as the contents.

## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Capture® Professional Steam Clean Detergent (4 gallon case)  
BULK CLASS: Cleaning Compound

## 15. REGULATORY INFORMATION

**CHEMICAL INVENTORY INFORMATION:**

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

**WHMIS Hazard Symbols:**

None

**EEC Symbols and Indications of Danger:**

None

**R-Phrases:**

None

**S-Phrases:**

None

## 16. OTHER INFORMATION

PREPARED BY: Steven Brown



APPROVED BY: Steven Brown  
TITLE: Senior Development Chemist  
APPROVAL DATE: February 11, 2005  
SUPERCEDES DATE: August 12, 2004  
MSDS NUMBER: 824001

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**END OF MSDS**

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