



# MATERIAL SAFETY DATA SHEET

## Capture® Spot Eliminator (eaches)

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Capture® Spot Eliminator (eaches)  
Chemical Family: Mixture packaged in pressurized aerosol can  
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. HAZARDS IDENTIFICATION

#### **EMERGENCY OVERVIEW:**

May cause eye irritation. Avoid contact with eyes. Avoid inhalation. Inhalation of high concentrations of vapor may be harmful. Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis). Contents under pressure.

#### **HFRP Rating:**

Health - 1  
Flammability - 0  
Reactivity - 2  
Personal Protection Index - B

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).

#### **EYE:**

May cause eye irritation.

#### **SKIN:**

Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis).

#### **INHALATION:**

Inhalation of high concentrations of vapor may be harmful.

#### **INGESTION:**

May be harmful if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS



100.0% Capture® Spot Eliminator (eaches)

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
ISOPROPANOL	10.0 - 15.0 %	67-63-0
2-BUTOXYETHANOL	5.0 - 8.0 %	111-76-2
PROPANE	0.0 - 5.0 %	74-98-6
BUTANE	0.0 - 5.0 %	106-97-8

NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
PROPRIETARY BLEND	72.0 - 80.0 %	Blend

As defined under Sara 311 and 312, this product contains materials that are acute, pressure hazards.

#### 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:**

Wash affected area with large amounts of soap and water. Get medical attention if irritation develops or persists.

**INHALATION FIRST AID:**

If breathing is difficult, remove to fresh air and provide oxygen. If not breathing, give artificial respiration. Contact a physician.

**INGESTION FIRST AID:**

If swallowed, immediately give 2 glasses of water. Do not induce vomiting. Get immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES**

COC Flash Point: 42 (liquid contents) C (107.6 F)  
Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: %  
UEL: %

**EXTINGUISHING MEDIA:**

Water, carbon dioxide, foam or dry powder. Use water spray to cool fire exposed containers. Containers can build up pressure if exposed to heat (fire).

**FIRE & EXPLOSION HAZARDS:**

Containers can build up pressure if exposed to heat (fire).

**FIRE FIGHTING INSTRUCTIONS:**

Evacuate non-emergency personnel to a safe area. Containers can build up pressure if exposed to heat (fire). Use water spray to cool fire exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Contain runoff water.

#### 6. ACCIDENTAL RELEASE MEASURES

**SAFEGUARDS (PERSONNEL):**



Wear appropriate personal protective equipment.

**SPILL PROCEDURE:**

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

**INITIAL CONTAINMENT:**

Contain spilled material. Absorb spills with inert 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.

**STORAGE PRECAUTIONS:**

Do not store at temperatures above 49°C. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 1 Aerosols.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Good general ventilation should be sufficient to control airborne levels.

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear appropriate personal protective equipment. Wear chemical splash goggles.

**SKIN PROTECTION REQUIREMENTS:**

Wear appropriate personal protective equipment. Wear impervious gloves.

**RESPIRATORY PROTECTION REQUIREMENTS:**

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

**EXPOSURE GUIDELINES:**

**ISOPROPANOL**

Odor Threshold: 43 ppm  
Immediate Lethal Dosage: 2000 ppm  
OSHA PEL: 400 ppm, 980 mg/m<sup>3</sup>  
OSHA TWA: 400 ppm, 980 mg/m<sup>3</sup>  
ACGIH TWA: 200 ppm  
OSHA STEL: 500 ppm  
ACGIH STEL: 400 ppm

**2-BUTOXYETHANOL**

Odor Threshold: 0.10 ppm  
Immediate Lethal Dosage: 700 ppm  
OSHA PEL: 25 ppm, 120 mg/m<sup>3</sup>  
OSHA TWA: 50 ppm, 240 mg/m<sup>3</sup>  
ACGIH TWA: 25 ppm  
Skin Designation: Yes

**PROPANE**

Odor Threshold: None  
Immediate Lethal Dosage: 2100 ppm  
OSHA PEL: 1000 ppm, 1800 mg/m<sup>3</sup>  
OSHA TWA: 1000 ppm, 1800 mg/m<sup>3</sup>  
ACGIH TWA: 2500 ppm

**BUTANE**

Odor Threshold: None



OSHA TWA: 800 ppm, 1900 mg/m<sup>3</sup>  
ACGIH TWA: 800 ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Aerosol
COLOR:	Clear
ODOR:	Mild citrus
VAPOR PRESSURE:	65-75 psia
SOLUBILITY IN WATER:	Soluble
SPECIFIC GRAVITY:	0.96-0.98 (Water = 1)
PH:	10.4-10.8
% VOLATILES:	99 %
VOLATILE ORGANIC COMPOUNDS (VOC):	28.1%

## 10. STABILITY AND REACTIVITY

### STABILITY:

This compound is stable at ambient conditions.

### POLYMERIZATION:

Hazardous polymerization will not occur.

### INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid temperatures above 49 °C. Keep away from open flames.

### DECOMPOSITION:

Decomposition will not occur if handled and stored properly.

## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL TESTING:

The acute oral toxicity (LD50) in rats for this material was determined to be >2000 mg/kg.

Not a primary skin irritant.

## 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. TRANSPORT INFORMATION

PRODUCT LABEL:	Capture® Spot Eliminator (eaches)
D.O.T. SHIPPING NAME:	Aerosols, non-flammable



D.O.T. HAZARD CLASS: 2.2  
UN NUMBER: UN 1950  
D.O.T. LABEL: Non-flammable gas

**OTHER TRANSPORTATION INFORMATION:**

This product may be reclassified as ORM-D when offered for ground transportation with the United States as long as they are packaged in 'strong outside containers'.

## 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 on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

**SARA Title III - Section 313**

ISOPROPANOL (67-63-0)

**CERCLA Hazardous Ingredients**

ISOPROPANOL (67-63-0) -- RQ 100 lb

**Massachusetts Substance List**

ISOPROPANOL (67-63-0)  
2-BUTOXYETHANOL (111-76-2)  
PROPANE (74-98-6)  
BUTANE (106-97-8)

**NJ Right to Know List**

ISOPROPANOL (67-63-0)  
2-BUTOXYETHANOL (111-76-2)  
PROPANE (74-98-6)  
BUTANE (106-97-8)

**PA Hazardous Substance List**

ISOPROPANOL (67-63-0)  
2-BUTOXYETHANOL (111-76-2)  
PROPANE (74-98-6)  
BUTANE (106-97-8)

## 16. OTHER INFORMATION

PREPARED BY: John Bruhnke  
APPROVED BY: Steven Brown  
TITLE: Senior Development Chemist  
APPROVAL DATE: July 18, 2005  
SUPERCEDES DATE: March 3, 2004  
MSDS NUMBER: 824502

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**END OF MSDS**

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