MATERIAL SAFETY DATA SHEET
CAPTURE® Spot and Soil Remover

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification
Product Name: CAPTURE® Spot and Soil Remover
Chemical Family: Cleaning Mixture
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

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
NON-TOXIC ABSORBENT SYNTHETIC POLYMER	25.0 - 50.0 %	
INORGANIC SUBSTRATE	15.0 - 25.0 %	
** CLEANING SOLUTION	35.0 - 45.0 %	

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

OTHER INFORMATION:
** Cleaning solution contains a mixture of: Water, Non-Ionic Surfactant, Polymeric Stain Resist Resin, Preservatives, and Fragrance.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
This is a granular product. Avoid eye contact. Keep container tightly closed. Eye irritant.

HMIS Rating:

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

NFPA/HMIS 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 the National Paint and Coating Association

(for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE:
This is a granular product. Can cause eye irritation.

SKIN:
This material is not a primary skin irritant. Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis).

INHALATION:
Prolonged or excessive inhalation may cause coughing or sneezing.

INGESTION:
Essentially non-toxic.

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. Use a moisturizing cream, if needed for dryness. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:
If exposed to excessive levels of dust, remove to fresh air. Get medical attention if cough or other symptoms develop.

INGESTION FIRST AID:
If swallowed, immediately give 2 glasses of water. Contact a physician. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
COC Flash Point: N/A
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR
LEL: %
UEL: N/A

EXTINGUISHING MEDIA:
Water, carbon dioxide, foam or dry powder. Use water spray to cool fire exposed containers.

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. Evacuate non-emergency personnel to a safe area.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

If excessive dust is created, wear dust mask or respirator to keep exposure below the Permissible Exposure Level for particulate matter. Wear appropriate personal protective equipment.

SPILL PROCEDURE:
Clean up area by absorbent 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. 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):
Avoid prolonged contact with skin or eyes. Do not create excessive dust.

STORAGE PRECAUTIONS:
Keep container closed to prevent drying out. Avoid extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
Good general ventilation should be sufficient to control airborne levels.

EYE / FACE PROTECTION REQUIREMENTS:
When used in accordance with package instructions no precautions should be necessary. Where contact with this material is likely, chemical goggles are recommended.

SKIN PROTECTION REQUIREMENTS:
For brief contact, normal work attire should be sufficient. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

RESPIRATORY PROTECTION REQUIREMENTS:
Under normal use conditions, with adequate ventilation, no special respiratory protective equipment is required. If airborne concentrations exceed the OSHA exposure limit for dust, a NIOSH approved dust mask is recommended.

EXPOSURE GUIDELINES:

Particulates not otherwise regulated

Recommended Exposure Limit: 5 mg/m^3
OSHA TWA: 15 mg/m^3

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Moist Powder
COLOR:	White
ODOR:	Slight odor
SOLUBILITY IN WATER:	Nil
BULK DENSITY:	0.60
PH:	7-9 as 1% aqueous solution
% VOLATILES:	35 % @ 100 C
VOLATILE ORGANIC COMPOUNDS (VOC):	<0.6 % by weight

10. STABILITY AND REACTIVITY

STABILITY:
This product is stable at ambient conditions.

POLYMERIZATION:
Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:
Avoid contact with Acidic conditions.

DECOMPOSITION:
Avoid temperatures above 200°C. Ammonia and similar products may be produced. Product may decompose at temperatures above 270°C and release carbon dioxide.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING:
The modified draize repeated insult patch test study in human volunteers for this product was determined to be not a primary skin irritant, a fatiguing agent, or a sensitizing agent.

The acute oral toxicity (LD50) in rats for this material was determined to be greater than 5000mg/kg.

The primary dermal irritation in rabbits for this material was considered to be slightly irritating.

The primary eye irritation in rabbits for this material was determined to be an eye 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. Dispose of full vacuum cleaner bags containing dirt, carpet fibers, and used carpet cleaner with other non-recyclable trash.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL:	CAPTURE® Spot and Soil Remover
D.O.T. HAZARD CLASS:	Non-Hazardous

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).

16. OTHER INFORMATION

PREPARED BY:	Steven Brown
APPROVED BY:	Steven Brown
TITLE:	Senior Development Chemist
APPROVAL DATE:	March 8, 2004
SUPERCEDES DATE:	March 3, 2004

****

The information contained in this Material Safety Data Sheet is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Milliken Chemical. The data on this sheet are related only to the specific material designated herein. Milliken Chemical assumes no legal responsibility for use or reliance upon these data.

****

END OF MSDS

****