



MATERIAL SAFETY DATA SHEET

Capture Pro Steam Drop 'N Go

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Capture Pro Steam Drop 'N Go
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:

Cleaning agent.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Severe eye irritant. Can cause skin irritation. Breathing powder / dust can cause nose and throat irritation. Conditions to avoid in storage include: Heat. Sources of heat. Exposure to moisture / humidity. Product will decompose when placed in water and/or in contact with moisture.

HFRP Rating:

Health - 2
Flammability - 0
Reactivity - 1
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:

Capture Pro Steam Drop N Go Tabs are a severe eye irritant. Exposure can cause watering and redness to the eyes. Severe exposure can cause chemical burns to the eye.

SKIN:

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

INHALATION:

Dust may be slightly irritating to respiratory tract. Prolonged or excessive inhalation may cause coughing or sneezing.

INGESTION:

May be harmful if swallowed. Can cause severe irritation of the mouth, throat, esophagus, and stomach. Ingestion of large amounts may cause bloating of stomach, belching, nausea, and/or vomiting.

Ingestion is not considered a potential route of exposure. No known hazards when used according to container instructions.



REPRODUCTIVE HAZARDS:

Possible reproductive hazard.

TARGET ORGAN:

Target Organs include: Eye. Skin. Respiratory system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
PROPRIETARY SURFACTANTS	10.0 - 15.0 %	Blend
OXYGENATED CLEANING COMPOUNDS	30.0 - 40.0 %	Blend
EFFERVESCENT INGREDIENTS	30.0 - 40.0 %	Blend

As defined under Sara 311 and 312, this product contains materials that are acute, chronic 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. Immediately consult with an opthalmologist in all cases of exposure.

SKIN CONTACT FIRST AID:

Remove contaminated clothing and shoes. Wash affected area with large amounts of soap and water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

INHALATION FIRST AID:

Avoid circumstances that produce respirable particles. If exposed to excessive levels of dust, remove to fresh air. Get medical attention if cough or other symptoms develop.

INGESTION FIRST AID:

DO NOT induce vomiting. If swallowed, immediately give 2 glasses of milk (preferred) or water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Use media appropriate for surrounding material.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure. If excessive dust is created, wear dust mask or respirator to keep exposure below the Permissible Exposure Level for particulate matter.



SPILL PROCEDURE:

Do not return spilled or contaminated material back to the original container. Collect the product with suitable means, shovel, or sweep avoiding dust formation. All receiving equipment should be clean, dry, and vented. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

7. HANDLING AND STORAGE

STORAGE PRECAUTIONS:

Store in a dry area. Store away from heat sources. Keep material dry.

SPECIAL SENSITIVITY:

Avoid contact with water of humidity. Blending / filling operations should clean and dry process piping and equipment before packaging this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Facilities storing or using this material should be equipped with an eye wash and safety shower. Use only with adequate ventilation. Packaging / blending operations should consult with your industrial hygienist or safety manager for the selection of personal protective equipment suitable for the working conditions.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles are recommended to avoid contact with eyes.

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. Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation. If required, protective gloves should be made of PVC, neoprene or rubber.

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 respirator is recommended.

EXPOSURE GUIDELINES:

Particulates not otherwise regulated

Recommended Exposure Limit: 5 mg/m³

OSHA TWA: 15 mg/m³

ACGIH TWA: 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Tablets
COLOR:	Off-white to Light Tan
ODOR:	Characteristic
SOLUBILITY IN WATER:	Complete
BULK DENSITY:	1.0 - 1.2 gm/cc
PH:	7 - 9
VOLATILE ORGANIC COMPOUNDS (VOC):	4.0

10. STABILITY AND REACTIVITY

STABILITY:

This product is stable at ambient conditions.



Conditions to avoid in storage include: Heat. Sources of heat. Exposure to moisture / humidity.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Materials and substances to avoid include: Water. Acids. Bases. Salts of metals. Reducing agents. Organic materials. Flammable substances.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING:

The product is expected to be an eye irritant and a slight skin irritant in animals.

12. ECOLOGICAL INFORMATION

ECOLOGICAL TESTING:

This material readily decomposes when dissolved in water. The decomposition products are less toxic to fish than the product itself.

Capture Pro Steam Drop 'N Go, as formulated, may be defined as potentially toxic to aquatic organisms; however, hazard for the environment is limited due to: No bioaccumulation. Considerable abiotic and biotic degradability. Low toxicity of degradation products (water and oxygen).

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Avoid washing significant amounts of material into sewer systems without proper treatment and authorization by the treatment facility management. Do not return spilled or contaminated material back to the original container. Collect the product with suitable means, shovel, or sweep avoiding dust formation. All receiving equipment should be clean, dry, and vented. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Capture Pro Steam Drop 'N Go
D.O.T. SHIPPING NAME:	NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR
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). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). This material or all of its components are listed on the Canadian Domestic Substances List (DSL).

16. OTHER INFORMATION

PREPARED BY:	Emily Michaels
APPROVED BY:	Steven Brown



TITLE: Senior Development Chemist
APPROVAL DATE: May 2, 2007
SUPERCEDES DATE: March 21, 2007

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

