



MATERIAL SAFETY DATA SHEET

Oreck 1 Gallon PreSpray 6/case

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Oreck 1 Gallon PreSpray 6/case
Chemical Family: Surfactant Blend
CAS Number: Blend

Company Identification

Milliken Chemical
P.O. Box 817
1440 Campton Road
Inman, SC 29349 USA
Emergency Contact: 24-hour Emergency Response Number for USA & Canada: 1-800-255-3924, 24-hour Emergency Response Number for International: 00-1-813-248-0585 (call collect) (For questions and emergencies)



PRODUCT USE:

Cleaner.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

The health hazards of this product should be low under normal industrial and commercial uses.

HFRP Rating:

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

NFPA Rating:

Health - 1
Flammability - 0
Reactivity - 0
Special Hazard - None

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 be slightly irritating. Not known to cause permanent injury to eye tissue.

SKIN:

Non-irritating to the skin.

INHALATION:

No information regarding inhalation available. No known hazards when used according to container instructions.



INGESTION:
Essentially non-toxic.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
WATER	95.0 - 99.0 %	
CLEANING SOLUTION (NON-IONIC SURFACTANT, PRESERVATIVE)	< 5.0 %	

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:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. 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: None

TCC Flash Point: None

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

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. Contain runoff water.

6. ACCIDENTAL RELEASE MEASURES

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. Wash hands thoroughly after handling.

STORAGE PRECAUTIONS:

Keep container tightly closed. Avoid extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control airborne levels.

EYE / FACE PROTECTION REQUIREMENTS:

Where contact with this material is likely, chemical goggles are recommended.

SKIN PROTECTION REQUIREMENTS:

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.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Thin Liquid
COLOR:	Colorless
ODOR:	Slight, sweet odor
BOILING POINT:	100 C
VAPOR DENSITY:	> 1 (Air = 1)
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	1 (Water = 1)
BULK DENSITY:	N/A
MELTING/FREEZING POINT:	0 C
PH:	4.5-7.5
% VOLATILES:	95-99 % @ 100 C
VOLATILE ORGANIC COMPOUNDS (VOC):	None

10. STABILITY AND REACTIVITY

STABILITY:

This product is stable at ambient conditions.

POLYMERIZATION:

Hazardous polymerization will not occur.

DECOMPOSITION:



Decomposition will not occur if handled and stored properly.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING:

The primary eye irritation in rabbits for this material was determined to be not a primary eye irritant.

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

The dermal sensitization in Guinea pigs, using the closed patch technique, for this product is considered to be not a skin sensitizer.

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.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Oreck 1 Gallon PreSpray 6/case
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: Bob Schuette
TITLE: Development Associate
APPROVAL DATE: September 8, 2006
SUPERCEDES DATE: August 8, 2006
MSDS NUMBER: 820630

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