

# Material Safety Data Sheet

Number: **DMN0155**

Product Name: **Sluff® II**

A foaming aerosol detergent

Revised: 7/17/07

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Alliance, OH 44601

24 hour **Emergency Only** phone: 1-800-535-5053  
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## Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Carcinogen</u>
Isobutane	75-28-5	No
Propane	74-98-6	No
2-butoxyethanol	111-76-2	IARC Group 3, ACGIH A3
O-Phenylphenol	90-43-7	IARC Group 3

ACGIH A3: Animal carcinogen only.

IARC Group 3: The agent (mixture, or exposure circumstance) is unclassifiable as to carcinogenicity to humans.

## Section 3 - Hazards Identification

**Emergency Overview:** Foam is irritating to the eyes and mildly irritating to the skin. A white foam with a light airy fragrance. If exposed to temperatures above 130° F. the aerosol container may rupture.

**Health Hazards:** Irritant

**Physical Hazards:** None

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

### Potential Health Effects:

**Eyes** - causes irritation, redness, tearing.

**Skin** - may cause mild irritation.

**Swallowing** - possible chemical pneumonitis if aspirated into the lungs. Nausea.

**Breathing** - none expected when used as directed. Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

## Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.

**Skin Contact:** Wash exposed area with soap and water. Remove contaminated clothing. If irritation develops and persists, get medical attention.

**Inhalation:** Move the affected person to fresh air. If irritation persists, get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

## Section 5 - Fire-Fighting Measures

**Flammability as per USA Flame Projection Test (aerosols):** Non-Flammable

**Flash Point:** Not Applicable

**Lower Explosive Limit:** Not Established

**Upper Explosive Limit:** Not Established

**Extinguishing Media:** Foam, dry chemical, carbon dioxide.

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** If exposed to temperatures above 130° F. the container may rupture.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Wipe or mop up small spills. Larger spills can be absorbed with a suitable absorbent material for disposal.

## Section 7 - Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 130° F. Avoid food contamination. Keep out of reach of children.

## Section 8 - Exposure Controls / Personal Protection

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>TWA(source)</b>	<b>STEL</b>	<b>Ceiling</b>
Isobutane	75-28-5	800ppm(2), 1,000(3)	- -	
Propane	74-98-6	1000ppm(1,2,3)	- -	
2-butoxyethanol	111-76-2	50ppm(1), 5ppm(2), 20ppm(3), 25ppm(4)	75ppm(4)	-
O-Phenylphenol	90-43-7	None Established		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

**Ventilation:** Adequate to keep vapor concentration below the airborne limits shown above.

**Respiratory Protection:** None when used as directed. If the airborne limits are exceeded, use a NIOSH approved respirator with an organic vapor cartridge.

**Gloves:** Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves. The use of disposable latex gloves is allowed.

**Eye Protection:** If eye contact is possible, wearing safety glasses with side shields, especially for contact lens wearers, is recommended.

**Other Protective Equipment:** None.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** Not Available

**Specific Gravity:** 1.0

**Percent Volatiles:** Not Available

**Solubility In Water:** Complete

**Appearance and Odor:** A white foam with a light airy fragrance.

**Vapor Pressure:** PSIG @ 70°F (aerosols): Max. 60

**Vapor Density:** Not Established

**Evaporation Rate:** Not Established

**pH:** 12.0 ± 0.5

## Section 10 - Stability and Reactivity

**Incompatibility:** Strong Oxidizers

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide

## Section 11 - Toxicological Information

**Target Organs:** Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycolether EB.

**Chronic Effects:** (Effects due to excessive exposure to the raw materials of this mixture) May cause diarrhea, vomiting, gastrointestinal irritation.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing eye, skin or upper respiratory conditions.

## Section 12 - Ecological Information

Not hazardous. Biodegradable.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Absorb large spills with a suitable absorbent material. Incinerate or landfill according to local, state, and Federal regulations. Do not flush absorbent to sewer.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** ORM-D

## Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

This product contains chemicals known to the state of California to cause cancer. 2-butoxyethanol, O-Phenylphenol

## Section 16 - Other Information

**NFPA:** H:1 F:1 I:0 **HMIS® III:** H:1 F:1 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 3/5/01: Prepared using A00251, revision 11, 6/27/01.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.