

# MATERIAL SAFETY DATA SHEET

## PROSHIELD® Foam & Spray

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PROSHIELD Foam & Spray  
**PRODUCT USE:** Incontinence and total body cleanser.

**MANUFACTURER:** Smith & Nephew, Inc.  
 3909 Hulen Street, Fort Worth (Texas), 76107, United States

**IMPORTER/DISTRIBUTOR:** Smith & Nephew Inc.  
 2280 Argentia Road, Mississauga (Ontario) Canada L5N 6H8 Phone: 1 800 463-7439

**DATE:** 24 November 2014

### SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Low hazard under normal conditions.

#### POTENTIAL HEALTH EFFECTS

**ROUTES OF ENTRY:** Eyes, skin, ingestion, inhalation.

#### ACUTE HEALTH HAZARDS:

**Eyes:** May cause eye irritation (burning/stinging) on direct contact.

**Skin:** The product contains a small amount of sensitizing substances which may provoke an allergic reaction (irritation / redness) among sensitive individuals in contact with skin.

**Ingestion:** Ingestion may cause irritation and malaise.

**Inhalation:** May cause irritation to mucous membrane and respiratory system.

**CHRONIC HEALTH HAZARDS:** No health effects are expected.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Quantitative formulation is proprietary. This information will be provided, as needed, to medical personnel in the event of an emergency.

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>% wt or % vol</u>
Citric Acid USP	77-92-9	Proprietary
Cocamidopropyl PG-Dimonium Chloride Phosphate	Proprietary	Proprietary
Cocoamphodiacetate	Proprietary	Proprietary
DMDM Hydantoin	7732-18-5	Proprietary
Fragrance	Proprietary	Proprietary
Glycerin USP	56-81-5	Proprietary
Laureth-23	9002-92-0	Proprietary
Poloxamer 188	9003-11-6	Proprietary
Purified Water	7732-18-5	Proprietary

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### SECTION 4: FIRST AID MEASURES

**EYE CONTACT:** Flush eyes thoroughly with water for at least 15 minutes. Remove contact lens, if present and easy to do. Get medical attention if irritation develops and persists.

**SKIN CONTACT:** Should skin irritation, allergic reaction, or rash occur, remove contaminated clothing if required, then physically remove as much of the product as possible. Wash affected area with soap and water, then thoroughly flush the area with water. If irritation persists, seek medical advice.

**INGESTION:** Drink 3 – 4 glasses of water but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine if vomiting or evacuation of the stomach is necessary.

**INHALATION:** Move to fresh air. Call a physician if symptoms develop or persist.

**GENERAL ADVICE:** If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.

### SECTION 5: FIRE-FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

**Conditions of flammability:** The product is not flammable. No unusual fire or explosion hazards noted.

**Flash point and method of determination:** Not available.

**Upper flammable limit in air (% by volume):** Not available.

**Lower flammable limit in air (% by volume):** Not available.

**Autoignition temperature:** Not available.

#### EXTINGUISHING MEDIA

**Suitable extinguishing media:** Water spray, dry powder or carbon dioxide.

**Unsuitable extinguishing media:** None known.

#### PROTECTION OF FIREFIGHTERS

**Hazardous decomposition products:** None known.

**Protective equipment and precautions for firefighters:** Wear suitable protective equipment.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Clean-up personnel should use gloves for protection.

**ENVIRONMENTAL PRECAUTIONS:** Should not be released into the environment.

#### METHODS FOR CLEAN-UP

**Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Large Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**OTHER INFORMATION:** Clean up in accordance with all applicable regulations.

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### SECTION 7: HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Observe good industrial hygiene practices.

**STORAGE REQUIREMENTS:** Store between 20°C and 25°C; excursions permitted between 15°C and 30°C.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

CAS Number	Substance	Province	TWA 8 hour average contamination limit	STEL 15 minute average contamination limit
56-81-5	Glycerin - mist	Alberta <sup>1</sup> Ontario <sup>2</sup> Quebec <sup>3</sup>	10 mg/m <sup>3</sup>	-
		British Columbia <sup>4</sup>	10 mg/m <sup>3</sup> 3 mg/m <sup>3</sup> (respirable)	-
		Northwest Territories <sup>5</sup> Nunavut <sup>5</sup>	10 mg/m <sup>3</sup>	20 mg/m <sup>3</sup>

1. Occupational Health & Safety Code, Schedule 1, Table 2; 2. Control of Exposure to Biological or Chemical Agents – Regulation 833

3. Regulation Respecting the Quality of the Work Environment; 4. Occupational Health and Safety Regulation (section 5.48) - Table of Exposure Limits for Chemical and Biological Substances; 5. Occupational Health & Safety Regulations – Schedule S (Contamination Limits).

**ENGINEERING CONTROLS:** No protection is ordinarily required with adequate ventilation. In case of inadequate ventilation or risk of inhalation of fumes, use suitable respiratory equipment.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Eye Protection:** Not normally needed.

**Skin Protection:** Not normally needed.

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Liquid	<b>BOILING POINT:</b>	Not available
<b>APPEARANCE:</b>	Clear to slight yellow liquid	<b>MELTING POINT:</b>	Not available
<b>ODOUR:</b>		<b>FREEZING POINT:</b>	Not available
<b>pH (@ 25° C):</b>	5.0 – 6.0	<b>WATER SOLUBILITY:</b>	Soluble
<b>VAPOR PRESSURE (mmHg):</b>	Not available	<b>OTHER SOLUBILITIES:</b>	Not available
<b>VAPOR DENSITY (AIR = 1):</b>	Not available	<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b>	Not available
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1, at 25°C):</b>	1.00	<b>% VOLATILE:</b>	Not available
<b>DENSITY:</b>	Not available	<b>EVAPORATION RATE:</b>	Not available
<b>VISCOSITY:</b>	Not available		

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### SECTION 10: STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY:</b>	Stable under normal conditions.
<b>CONDITIONS TO AVOID:</b>	Excessive heat.
<b>INCOMPATIBLE MATERIALS:</b>	None under normal conditions.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon oxides.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	None known

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>EFFECTS OF ACUTE EXPOSURE:</b>	Ingestion may cause irritation and malaise. May cause eye, skin and respiratory tract irritation.
<b>EFFECTS OF CHRONIC EXPOSURE:</b>	No additional adverse health effects noted.
<b>SENSITIZATION TO PRODUCT:</b>	The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
<b>CARCINOGENICITY:</b>	This product is not considered to be a carcinogen.
<b>REPRODUCTIVE TOXICITY:</b>	No data available.
<b>TERATOGENICITY:</b>	No data available.
<b>MUTAGENICITY:</b>	No data available.

### SECTION 12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	The product is not expected to be hazardous to the environment.
<b>PERSISTENCE &amp; DEGRADABILITY:</b>	No data is available on the degradability of this product.
<b>BIOACCUMULATION / ACCUMULATION:</b>	No data available.
<b>PARTITION COEFFICIENT (n-octanol/water):</b>	Not available.
<b>MOBILITY IN ENVIRONMENTAL MEDIA:</b>	The product is water soluble and may spread in water systems.

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. The state and local regulations may differ from federal regulatory requirements, and laws may change or be reinterpreted. This information only applies to the material as manufactured. Processing, use, or contamination may make the information inappropriate, inaccurate, or incomplete. Responsibility for proper waste disposal is with the owner of the waste. Contact your supplier or a licensed contractor for detailed recommendations.

**DISPOSAL REGULATORY REQUIREMENTS:** None known.

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**SECTION 14: TRANSPORT INFORMATION**

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**TRANSPORTATION OF DANGEROUS GOODS (TDG) Act & Regulations:** Not regulated as dangerous goods.

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**SECTION 15: REGULATORY INFORMATION**

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**CANADIAN REGULATIONS:** This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by those regulations.

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**SECTION 16: OTHER INFORMATION**

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**PREPARATION INFORMATION:** Smith & Nephew Inc.

**DISCLAIMER:**

The MSDS summarises our best knowledge of the health and safety hazard information of the product as of the date above. It is intended for use by persons having technical skill and at their own discretion and risk. Users should read this MSDS and consider the information in the context of how the product will be handled and used, whether singly or in combination with other products. Since conditions of use are outside Smith & Nephew's control, Smith & Nephew makes no warranties, whether express, implied or statutory, as to the product which is the subject of this document, and assumes no liability in connection with any use of this information. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Smith & Nephew.