

**MATERIAL SAFETY DATA SHEET**

**SECTION 1. IDENTIFICATION OF PRODUCT**

Name: Spin Clean-Spin Pad Bonnet Cleaner  
Identity: Spin-Dry Carpet Cleaner      MSDS Number: 342      Date: 5/19/2003      Supersedes: 1/1/1999  
TOXICITY: 1      FIRE: 1      REACTIVITY: 0      PROTECTION: B

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Name	CAS Number	PEL	TLV	%
2-butoxyethanol	111-76-2	25ppm skin	25ppm skin	15
Isopropanol	67-63-0	400 ppm	400 ppm	6

**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: 212° F	Specific Gravity: 0.989 ± 0.005	Vapor Pressure (mm Hg.): ND	Melting Point: ND
Vapor Density (Air = 1): 1	Evaporation (H <sub>2</sub> O = 1):1	Water Solubility: Complete	pH @ 77F: 9.00 ± 0.005
			VOCgm/L: 206

Appearance and Odor: Clear blue liquid, Lemon odor

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (TCC): None	% LEL: ND	% UEL: ND	Flammable Limits: ND
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Extinguishing Media: Water fog, foam, carbon dioxide or dry chemical

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and impervious protective clothing.

Unusual Fire and Explosion: May flash but not support combustion

**SECTION V. HEALTH HAZARD DATA**

Route(s) of Entry: INHALATION? Yes    EYES? Yes    SKIN? Yes    INGESTION? Yes

**(Acute) Health Hazards:**

Eyes: May cause irritation, redness, pain

Skin: Prolonged or repeated contact may cause flaking, tenderness & softening of skin

Ingestion: May cause gastric distress, colic, diarrhea

Inhalation: Breathing of mist may be irritating to the respiratory tract.

(Chronic) Health Hazards: Prolonged or repeated skin contact may cause skin irritation. This product is not listed as or anticipated to be a potential carcinogen by NTP or OSHA.

**Signs and Symptoms of Exposure:**

Eyes: Burning, irritation, redness, tearing

Skin: May cause irritant reaction on prolonged contact

Ingestion: Nausea & vomiting, diarrhea

Inhalation: Occasional mild irritation effects to nose and throat may occur.

Medical Conditions Generally Aggravated by Exposure: Pre-existing contact site disorders.

**Emergency First Aid Procedures:**

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.

Ingestion: Obtain immediate medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

## SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

## SECTION VII. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): Strong oxidizer

Hazardous Decomposition Byproducts: Oxides of carbon and sulfur

## SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Mop up. Slippery on floor.

Large Spills: Dike area and absorb into neutral material or pump up

Disposal: Meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

## SECTION IX. CONTROL MEASURES

Respiratory Protection: NIOSH Approved

Ventilation: Sufficient to keep PEL from being exceeded

Local Exhaust: Not normally indicated when used as directed.

Mechanical (General): Not normally indicated

Explosion:

Protective Gloves: Rubber, vinyl

Eye Protection: ANSI Z87

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

## SECTION X. DOT INFORMATION

NOT REGULATED

## SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: 2-butoxyethanol

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Available

NE- Not Established

ND – Not Determined