3M MATERIAL SAFETY DATA SHEET 3M SOIL RETARDING CARPET SHAMPOO CONCENTRATE 08/16/2005

Avoid breathing of vapors, mists or spray. Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.3 EXPOSURE GUIDELINES

Ingredient	Authority	Type	<u>Limit</u>	Additional Information
2-BUTOXYETHANOL	ACGIH	TWA	20 ppm	Table A3
2-BUTOXYETHANOL	OSHA	TWA, Vacated	25 ppm	Skin Notation*
2-BUTÓXYETHANOL	OSHA	TWA	50 ppm	Skin Notation*; Table Z-I

^{*} Substance(s) refer to the potential contribution to the overall exposure by the cutaneous route including nucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

VAC Vacated PEL:Vacated Permissible Exposure Limits [PEL] are enforced as the OSHA PEL in some states. Check with your local regulatory agency.

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:

Odor, Color, Grade: Clear colorless to amber, floral fragrance.

General Physical Form: Liquid

Flush Point

Flummable Limits - LEL

Flummable Limits - UEL

Not Applicable

Not Applicable

Not Applicable

Flammable Limits - UEL Not Applicable
Boiling point 212 °F

Density Approximately 1.03 g/cm3

Vapor Pressure Approximately < 30 mmHg [@ 70 °F]

Specific Gravity 1.03 [Ref Sid: WATER-1] pH Approximately 9.2

Melting point Not Applicable

Solubility in Water Complete

Volatile Organic Compounds 1 - 5 % [Test Method; calculated per CARB title 2]

Percent volatile 60 - 100 %

VOC Less H2O & Exempt Selvents 44 · 220 g/l [Test Method: calculated per CARB title 2]

Viscosity < 100 centipoise

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.