Johnson wax PROFESSIONAL

Material Safety Data Sheet

CARPET SCIENCE SPOT & STAIN REMOVER

National Fire Protection Association (NFPA)

Fire Hazard: 2
Health: 1
Reactivity: 0
Specific Hazard

Hazardous Material Information System (HMIS)

Health	1
Fire Hazard	2
Reactivity	0

Protective Clothing None required.

Emergency Overview Off-white. Opaque See Section 9. CAUTION: COMBUSTIBLE. May be mildly irritating to eyes.

Section 1. Chemical Product and Company Identification

Product Name	CARPET SCIENCE SPOT & STAIN REMOVER	**Code**	94350
Product Use	Industrial/Institutional: Carpet care.	**PMS#**	433231
MSDS#	126097001	**Validation Date**	2/7/2005
		Print Date	2/7/2005
		Supersedes	No Previous Validation
		In Case of Emergency	(800) 851-7145

U.S. Headquarters

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Phone: (888) 352-2249
MSDS Internet Address:
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Canadian Headquarters

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Oakville, Ontario L6H 6P1
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Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Hexyloxyethanol	112-25-4	1-5	Not available.	ORAL (LD50): Acute: 830 mg/kg [Rat]. DERMAL (LD50): Acute: 810 mg/kg [Rabbit].
Isopropyl Alcohol	67-63-0	1-5	TWA: 980 STEL: 1225 (mg/m^3) from OSHA (PEL) [United States] TWA: 983 STEL: 1230 (mg/m^3) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 5045 mg/kg [Rat]. DERMAL (LD50): Acute: 12800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 16000 ppm 8 hours [Rat].
Water	7732-18-5	60-100	Not available.	Not applicable.

Section 3. Hazards Identification

Routes of Entry Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects

Eyes May be mildly irritating to eyes.

Skin None known.

Inhalation None known.

Ingestion None known.

Medical Conditions Aggravated by Overexposure: None known.

See Toxicological Information (section 11)

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Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Rinse with plenty of running water.
Inhalation	No specific first aid measures are required.
Ingestion	No specific first aid measures are required.

Section 5. Fire Fighting Measures

Flammability of the Product	COMBUSTIBLE.
Flash Points	CLOSED CUP: 54°C (129.2°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Material may burn in heat of fire.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling	Avoid contact with eyes. Keep away from heat, sparks and flame. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
Eyes	No special requirements under normal use conditions.
Hands	No special requirements under normal use conditions.
Respiratory	No special requirements under normal use conditions.
Feet	No special requirements under normal use conditions.
Body	No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Opaque)
Odor	Fruity.
Color	Off-white.
pH	7.3 to 7.8 [Basic.]
Specific Gravity	1
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	-1°C (30.2°F)
Solubility in water	Complete.

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Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	Undiluted product is regulated under environmental and transportation laws as an ignitable waste. Dispose of according to all federal, state and local regulations.

Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Classification

TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Isopropyl Alcohol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Isopropyl Alcohol
SARA 313 toxic chemical notification and release reporting: Hexyloxyethanol, Isopropyl Alcohol
CERCLA: Hazardous substances.: Hexyloxyethanol, Isopropyl Alcohol

State New Jersey spill list: Isopropyl Alcohol
New Jersey: Hexyloxyethanol, Isopropyl Alcohol
Massachusetts spill list: Isopropyl Alcohol
Massachusetts RTK: Isopropyl Alcohol
Pennsylvania RTK: Hexyloxyethanol, Isopropyl Alcohol

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Canadian Regulations

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WHMIS Classification	CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
WHMIS Icon	
Registered Product Information	Not applicable.
Chemical Inventory Status	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations	Not available.
Version	3

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