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Material Safety Data Sheet
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1 Chemical Product and Company Identification

Tradename:

SCOTCHGARD(TM) SPOT REMOVER & UPHOLSTERY CLEANER

Product ID:

FZ-0100-0399-8	XN-1015-6743-8	FZ-0100-0469-0	FZ-0100-0470-8
FZ-0100-0472-4	XN-1014-3527-1	61-5000-0319-1	61-5000-6133-0
FZ-0100-0471-6	70-0709-9785-6	70-0709-9786-4	70-0711-6295-5

Intended Use of Product:

Carpet Care

Division:

BUILDING & COMMERCIAL SERVICES

2 Hazards Identification

Critical Hazards:

Aerosol container contains flammable material under pressure.

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

May be absorbed following inhalation and cause target organ effects.

May be absorbed following ingestion and cause target organ effects.

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Very toxic by inhalation.

See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	60 - 100
PETROLEUM GASES, LIQUEFIED, SWEETENED	68476-86-8	3 - 7
2-BUTOXYETHANOL	111-76-2	1 - 5
SODIUM OLEYLMETHYLTAURIDE	137-20-2	0.5 - 1.5
STYRENE MALEIC ANHYDRIDE RESIN, AMMONIUM SALT	52720-34-0	0.5 - 1.5

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

4 First Aid Measures

Instructions for Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 20 minutes or until chemical is removed. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

Remove person to fresh air. Get immediate medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

Special Instructions:

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

5 Fire Fighting Measures

Flash point:	Not applicable
	Aerosol flame projection: 43.18 cm (17 in)
Lower Explosive Limit (%):	Not Available
Upper Explosive Limit (%):	Not Available
Autoignition temperature:	Not Available
Suitable Extinguishing Media:	
	Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Exposure Hazards during Fire:

Closed containers exposed to heat from fire may build pressure and explode. Aerosol container contains gas under pressure.

Combustion Products from Fire:

Carbon Monoxide;
Carbon Dioxide;

Unusual Fire and Explosion Hazards

Aerosol container contains flammable material under pressure.

Fire Fighting Procedures:

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health 2
NFPA: Fire 2
NFPA: Reactivity 0
NFPA: Unusual Reaction Hazard

none

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Special Instructions:

Aerosol container contains flammable material under pressure.

6 Accidental Release Measures

Personal Precautions:

Place leaking containers in a well-ventilated area, preferably in an exhaust hood, if available, or outdoors. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

Environmental Procedures

Place depressurized can and clean up wastes in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Methods for cleaning up

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Contain spill. Working from around the edges of the spill

inward, cover with bentonite, vermiculite, or commercially

available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with water.

Spill Response:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

7 Handling and Storage

Storage Requirements:

Store at temperatures below 120 degrees F (49 degrees C). Do not store containers on their sides.

Incompatible Materials:

Store away from heat;
Store out of direct sunlight.
Sparks and/or Flames;
Store away from acids;
Store away from oxidizing agents.

Ventilation:

No data available.

Fire Prevention:

Aerosol container contains flammable gas under pressure. Do not spray near flames or sources of ignition.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Use Instructions:

For industrial or professional use only. Do not pierce or burn container, even after use. Avoid contact with oxidizing agents. Keep out of the reach of children.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray.
The following should be worn alone or in combination, as appropriate, to prevent eye contact:

Safety glasses with side shields

Hand Protection:

The following glove material(s) are recommended:

Wear appropriate gloves when handling this material.

butyl rubber;

neoprene;

nitrile rubber;

Skin Protection:

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Respiratory Protection:

Avoid breathing of vapours, mists or spray.

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Ingestion (Prevention):

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

Recommended Ventilation:

Use in a well-ventilated area.

Do not use in a confined area or areas with little or no air movement.

Do not remain in area where available oxygen may be reduced.

Ingredient Exposure Data

WATER (7732-18-5)

LD50 (rat, oral)

> 90 ml/kg

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

PETROLEUM GASES, LIQUEFIED, SWEETENED (68476-86-8)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	
2-BUTOXYETHANOL (111-76-2)	
LD50 (rat, oral)	470 mg/kg
LD50 (dermal, rabbit)	99 mg/kg
LC50 (rat, inhalation/4 hours)	450 ppm
Exposure Limits	
AIHA TWA: 20 ppm	
ACGIH: TWA 20 ppm (Table A3)	20 ppm
ACGIH: TWA	
SODIUM OLEYLMETHYLTAURIDE (137-20-2)	
LD50 (rat, oral)	1700 mg/kg
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	
STYRENE MALEIC ANHYDRIDE RESIN, AMMONIUM SALT (52720-34-0)	

Specific Ingredient Data

No data available.	
LD50 (rat, oral)	No data available.
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	

9 Physical and Chemical Properties

Physical form,Color,Odour:	Liquid; Aerosol; Clear; mild odour;
Odour Threshold:	No data available.
pH:	8.5 - 9.5
Boiling point/boiling range:	Approximately 100 C
Melting point/melting range:	Not applicable
Vapour pressure:	Not Available
Water Solubility:	Complete
Partition coefficient (K o/w):	Not Available
Specific gravity:	1 Water=1
Vapour density:	Not Available
Volatile organic compounds:	< 7 % calculated per CARB

Evaporation rate:
Viscosity:
Percent Volatile:

title 2
Not Available
Not Available
60 - 100 %

10 Stability and Reactivity

Conditions to Avoid:

Heat;
Sparks and/or Flames;
Store out of direct sunlight.

Materials to Avoid:

Strong oxidizing agents;
Strong acids;

Hazardous Decomposition:

Carbon Monoxide;
Carbon Dioxide;

Stability and Reactivity:

Stable. Hazardous polymerization will not occur. This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

11 Toxicological Information

Effects from Eye Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact:

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

Effects from Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Intentional concentration and inhalation may be harmful or fatal. May be absorbed following inhalation and cause target organ effects.

Effects from Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

Sensitization Information:

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

Very toxic by inhalation.

Product Based Information:

No data available.

Other Effects & Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Blood Effects: Signs/symptoms may include generalized weakness and fatigue, skin pallor, changes in blood clotting time, internal bleeding, and/or hemoglobinemia.

12 Ecological Information

Environmental Data:

Persistence/Biodegradability:

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

One or more components of this product have significant known or predicted environmental hazards, but a conservative assessment indicates a low environmental risk. Intended use and proper disposal are unlikely to cause the environmentally hazardous component(s) to enter the environment in quantities or by routes that could cause the adverse environmental impacts.

Other Effects and Information:

Product usages, or other lifecycle stages, are expected to release volatile organic compounds (VOCs) to the atmosphere. Regulations may restrict the release of VOCs because they contribute to the formation of ozone and smog. Regulatory definitions for VOC vary. Because of smog and other impacts, releases through evaporation or other means should be minimized to the extent possible.

13 Disposal Considerations

Product as Sold:

No data available.

Product Packaging:

No data available.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

14 Transport Information

Transportation of Dangerous Goods

TDG Classification:

Consumer Commodity

Special Information:

15 Regulatory Information

WHMIS Classification: A, B5, D1A, D2B

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

DSL - Domestic Substances List (Canada)

CICS - Chinese Inventory of Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

MITI - Ministry of International Trade and Industry (JAPAN)

TSCA - Toxic Substances Control Act (USA)

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:

Section 2 - Hazards Identification - Critical Hazards;

Section 3 - Composition/Information on Ingredients;

Section 4 - First Aid Measures;

Section 5 - Fire Fighting Measures

Section 6 - Accidental Release Measures;

Section 7 - Handling and Storage;

Section 8 - Exposure Controls/Personal Protection;

Section 11 - Toxicological Information;

Section 12 - Ecological Information

WHMIS Classification change

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evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

SCOTCHGARD(TM) SPOT REMOVER & UPHOLSTERY CLEANER

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