

SAFETY DATA SHEET

M & S Carpet & Fabric Stain Remover Wipes

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Product name : M & S Carpet & Fabric Stain Remover Wipes
Code : 3/104/1a
Product type : Liquid.
Use of the substance/preparation : Carpet & Fabric Stain Removing Wipes

Company/undertaking identification

Importer : Solent Packaging Ltd
The Pump House
16 Queens Avenue
Christchurch
Dorset
BH23 1BZ
UK
e-mail address of person responsible for this SDS : john.pullen@solentgroup.co.uk

Emergency telephone number (with hours of operation) : +44 (0) 1202 490 500 (Hours of Operation: 0900 - 17:00)

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Ingredient name	CAS number	%	Number	Classification
ethanol	64-17-5	5 - 15	200-578-6	F; R11 [2]
glycine, n-methyl-n-(1-oxododecyl)-, sodium salt	137-16-6	1 - 5	205-281-5	Xi; R41 [1]
See section 16 for the full text of the R-phrases declared above				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

First-aid measures

Inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

4. FIRST AID MEASURES

- Ingestion** : Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : In a fire or if heated, a pressure increase will occur and the container may burst. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up**
- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

7. HANDLING AND STORAGE

Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Packaging materials

Recommended : Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient name

ethanol

Occupational exposure limits

EH40/2005 WELs (United Kingdom (UK), 8/2007).

TWA: 1920 mg/m³ 8 hour(s).

TWA: 1000 ppm 8 hour(s).

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

Occupational exposure controls : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance

Physical state : Liquid. [Liquid impregnated in a fabric]

Colour : Translucent

Odour : Characteristic. [Slight]

Important health, safety and environmental information

pH : 5.5 to 6.2

Solubility : Easily soluble in the following materials: cold water.

9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Materials to avoid	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Toxicokinetics

Absorption	: Not available.
Distribution	: Contains material which causes damage to the following organs: blood, the reproductive system, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.
Metabolism	: Not available.
Elimination	: Not available.

Potential acute health effects

Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Eye contact	: No known significant effects or critical hazards.

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ethanol	LD50 Intra-arterial	Rat	11 mg/kg	-
	LD50 Intraperitoneal	Rat	3600 ug/kg	-
	LD50 Intravenous	Rat	1440 mg/kg	-
	LD50 Oral	Rat	7060 mg/kg	-
	LD50 Oral	Rat	7 g/kg	-
	LDLo Dermal	Rabbit	20 g/kg	-
	TDLo	Rat	3500 mg/kg	-
	Intraperitoneal TDLo	Rat	363.6 ug/kg	-
	Intracerebral TDLo	Rat - Male	2.4 mg/kg	-
	Intraperitoneal TDLo	Rat - Male	3000 mg/kg	-
	Intraperitoneal TDLo	Rat	2700 mg/kg	-
	Intraperitoneal TDLo	Rat	2000 mg/kg	-
	Intraperitoneal TDLo	Rat - Male	1.25 mg/kg	-
	Intraperitoneal TDLo	Rat	1000 mg/kg	-
	Intraperitoneal TDLo	Rat	106 ug/kg	-
	Intracerebral TDLo	Rat	500 mg/kg	-
	Intraperitoneal TDLo	Rat	0.5 g/kg	-
	Intravenous TDLo	Rat - Male	2 g/kg	-
	Intraperitoneal			

11. TOXICOLOGICAL INFORMATION

TDLo Oral	Rat - Male	5 mL/kg	-
TDLo Oral	Rat	4.44 mL/kg	-
TDLo Oral	Rat	4 mL/kg	-
TDLo Oral	Rat - Female	10 mL/kg	-
TDLo Oral	Rat - Female	6000 mg/kg	-
TDLo Oral	Rat - Male	5250 mg/kg	-
TDLo Oral	Rat	8000 mg/kg	-
TDLo Oral	Rat	5000 mg/kg	-
TDLo Oral	Rat - Female	4800 mg/kg	-
TDLo Oral	Rat	4300 mg/kg	-
TDLo Oral	Rat	5 g/kg	-
TDLo Oral	Rat	6 g/kg	-
TDLo	Rat - Male	1.5 g/kg	-
Intraperitoneal			
TDLo Oral	Rat	0.5 g/kg	-
TDLo Oral	Rat - Male	5.25 g/kg	-
TDLo Oral	Rat	2.5 g/kg	-
TDLo Oral	Rat - Male	1600 mg/kg	-
TDLo Oral	Rat	1500 mg/kg	-
TDLo Oral	Rat	3 g/kg	-
TDLo	Rat	1.2 g/kg	-
Intraperitoneal			
TDLo Oral	Rat	0.4 g/kg	-
TDLo	Rat	2.45 g/kg	-
Intraperitoneal			
TDLo Oral	Rat	0.72 g/kg	-
TDLo Oral	Rat	6.4 g/kg	-
TDLo	Rat - Male	1 g/kg	-
Intraperitoneal			
TDLo	Rat - Male	0.5 g/kg	-
Intraperitoneal			
TDLo	Rat	0.25 g/kg	-
Intraperitoneal			
TDLo Unreported	Rat	3 g/kg	-
LC50 Inhalation	Rat	20000 ppm	10 hours
Gas.			

Conclusion/Summary : Not available.

Potential chronic health effects**Chronic toxicity**

Conclusion/Summary : Not available.

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitiser

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Chronic effects : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation : No specific data.

11. TOXICOLOGICAL INFORMATION

Ingestion : No specific data.

Skin : No specific data.

Eyes : No specific data.

12. ECOLOGICAL INFORMATION

Ecotoxicity : No known significant effects or critical hazards.

Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
ethanol	-	Acute EC50 >100 ppm Fresh water	Daphnia - Water flea - Daphnia magna - <24 hours	48 hours
	-	Acute EC50 2000 ug/L Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
	-	Acute LC50 13 to 16 ml/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss - 0.8 g	96 hours
	-	Acute LC50 6772000 to 7710000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 6386000 to 7461000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 6325000 to 7413000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 6076000 to 7115000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 5577000 to 6557000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 3715000 to 4432000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	-	Acute LC50 >100000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) - 0.2 to 0.5 g	96 hours
	-	Acute LC50 42000 ug/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	4 days
	-	Acute LC50 25500 ug/L Marine water	Crustaceans - Brine shrimp - Artemia franchiscana - LARVAE	48 hours
	-	Acute LC50 13480000 ug/L	Fish - Fathead minnow -	96 hours

12. ECOLOGICAL INFORMATION

	Fresh water	Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) - 4 to 8 weeks - 1.1 to 3.1 cm
-	Acute LC50 5680 to 7392 mg/L Fresh water	Daphnia - Water 48 hours flea - Daphnia magna - Neonate - <24 hours
-	Acute LC50 10000000 to 11500000 ug/L Marine water	Fish - Bleak - 96 hours Alburnus alburnus - 8 cm
-	Acute LC50 11000000 ug/L Marine water	Fish - Bleak - 96 hours Alburnus alburnus - 8 to 10 cm
-	Acute LC50 14200000 to 15100000 ug/L Fresh water	Fish - Fathead 96 hours minnow - Pimephales promelas - 30 days - 19.4 mm - 0.099 g
-	Chronic NOEC <6.3 g/L Fresh water	Daphnia - Water 48 hours flea - Daphnia magna

Conclusion/Summary : Not available.

Persistence/degradability

Conclusion/Summary : Not available.

Other adverse effects : No known significant effects or critical hazards.

PBT : Not applicable.

vPvB : Not applicable.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	Not available.	Not available.	Not available.	-		-
ADNR Class	Not available.	Not available.	Not available.	-		-
IMDG Class	Not available.	Not available.	Not available.	-		-
IATA Class	Not available.	Not available.	Not available.	-		-

14. TRANSPORT INFORMATION

PG* : Packing group

15. REGULATORY INFORMATION

Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases : This product is not classified according to EU legislation.

Product use : Consumer applications.

Europe inventory : Not determined.

Black List Chemicals : Not listed

Priority List Chemicals : Not listed

Integrated pollution prevention and control list (IPPC) - Air : Not listed

Integrated pollution prevention and control list (IPPC) - Water : Not listed

Prior Informed Consent. List of chemicals subject to the international PIC procedure (Part I, II, III) :

Other EU regulations

Additional warning phrases : Safety data sheet available for professional user on request.

International regulations

Chemical Weapons Convention: List Schedule I Chemicals : Not listed

Chemical Weapons Convention: List Schedule II Chemicals : Not listed

Chemical Weapons Convention: List Schedule III Chemicals : Not listed

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK) : R11- Highly flammable.
R41- Risk of serious damage to eyes.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK) : F - Highly flammable
Xi - Irritant

Restrictions on use

<u>Sector of Use</u>	<u>Chemical Product Category</u>	<u>Process Category</u>	<u>Article Category</u>
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None identified.

Further information : Liquid loading into the wipes: 90+/-10 g, Wipe dimensions: 26.5 x 17.0 cm (+/- 1 cm), Wipe guage: 40 gsm, Wipe substrate: Spunlace without perforations. 50% viscose & 50% polyester, Flow wrap dimensions: 23.5 x 27.6, cm, Packaging material: 2 layer wrap (PET/PE) gloss effect, Packaging description: 30 wipes in a flow wrap

History

Date of printing : 22/05/2009.

Date of issue/ Date of revision : 22/05/2009.

Date of previous issue : No previous validation.

Version : 1

Prepared by : Not available.

Date of issue/Date of revision : 22/05/2009.

16. OTHER INFORMATION

Indicates information that has changed from previously issued version.

[Notice to reader](#)

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex