

MATERIAL SAFETY DATA SHEET



Unilever Australasia
20 Cambridge Street,
Epping NSW 2121
Australia
486 Jackson Street
Petone New Zealand

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

REXONA ANTIPERSPIRANT AEROSOL MEN

Product Name/s:	Variant/s	Manufacturer's Product Codes	
		Finished Goods Code:	Formula Code:
Rexona Antiperspirant Deodorant	For Men 150g	61033059	61326813
Rexona Antiperspirant Deodorant	For Men 30g	61617841	61326808
Rexona Antiperspirant Deodorant	Forces For Men 150g	61606703	61853204
Rexona Antiperspirant Deodorant	Ice Cool For Men 150g	61602981	61858203
Rexona Antiperspirant Deodorant	Extreme For Men 150g	61616421	61877402
Rexona Antiperspirant Deodorant	Sensitive For Men 100g	61625441	61877602
Rexona Antiperspirant Deodorant	Sport Men 150g	61033053	61326413
Rexona Antiperspirant Deodorant	Power 150g	61619631	61881602
Rexona Antiperspirant Deodorant	V8 150g	61620841	61892002
Rexona Antiperspirant Deodorant	Quantum 150g	61621431	61896701
Rexona Antiperspirant Deodorant	Essentials for Men 150g	61036493	61827705
Rexona Antiperspirant Deodorant	Adventure 150g	61627621	6175201
Rexona Antiperspirant Deodorant	Black 150g	61627741	61326413
Rexona Antiperspirant Deodorant	Sport Fresh 150g	20200967	61719301

Recommended Use:

Supplier:

Telephone:

Facsimile:

Consumer Relations
Department:

Telephone:

Website

Poison Information Centre
(24 hour)

Cosmetic antiperspirant aerosol product

Unilever Australasia Limited

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2. HAZARDS IDENTIFICATION

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NON HAZARDOUS SUBSTANCE – DANGEROUS GOOD

Hazard Classification:

Classified as a Non hazardous substance according to NOHSC criteria.

Classified as a Dangerous Good Class 2.1 Flammable Gas according to the Australian Dangerous Goods Code.

Contents under pressure. Store below 50 °C, out of sunlight and away from heat sources. Do not puncture or incinerate. Avoid contact with skin and eyes. Vapour harmful. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Use in well ventilated places, avoid prolonged spraying.

Risk Phrase(s):

F+: Extremely Flammable.

Safety Phrase(s):

R12: Extremely Flammable.

S2: Keep out of the reach of children.

S7: Keep container tightly closed.

S9: Keep container in a well ventilated area.

S16: Keep away from sources of ignition-No Smoking.

S33 Take precautionary measures against static discharges.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S47 Keep at temperatures not exceeding 50 °C.

S53 Avoid exposure- obtain special instructions before use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity of ingredients

Ingredient	CAS No.	Proportion %
n-Butane	106-97-8	30 - 60
Isobutane	75-28-5	10-30
Propane	74-98-6	10-30
Cyclopentasiloxane	541-02-6	<30
Aluminum Chlorohydrate	12042-91-0	<30
Fragrance	-	<10
Other ingredients determined not to be hazardous		to 100

4. FIRST AID MEASURES

General Advice:

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131126 in Australia or 0800 764 766 in New Zealand.

Ingestion:

For an aerosol this route is unlikely. However if swallowed do not

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	induce vomiting. Give one or two glasses of water. Rinse mouth with water. Seek medical attention immediately. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headache or dizziness.
Eye Contact:	Rinse abundantly under flowing water for at least 15 minutes. If irritation develops seek medical attention. Splashes in the eye may cause immediate stinging and tears. Transient redness of the eye may also occur.
Skin Contact:	In case of skin contact, if irritation develops immediately wash off with plenty of soap and water for at least 15 minutes. If irritation persists seek medical attention immediately.
Inhalation:	If symptoms are experienced, remove source of contamination and move victim to fresh air immediately. If symptoms persist, seek medical attention. At relatively high vapour concentrations ethyl alcohol is an irritant to the nose and throat and may cause central nervous system depression.
Advice to Doctor:	Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Highly flammable. In case of fire, all extinguishing media are suitable. For safety reasons do not use strong water jets.
Hazards from Combustion Products	May produce toxic fumes of carbon and nitrogen oxides. Also aluminium oxides and chlorine compounds.
Precautions for Fire Fighters and Special Protective Equipment:	If in the event of fire wear self-contained breathing apparatus. Use personal protective equipment. Keep containers cool with water spray. Closed containers may rupture when exposed to temperatures greater than 50°C. Vapour is heavier than air, distant ignition sources possible.
Hazchem Code:	2YE

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	UN No: 1950. Wear appropriate protective equipment. Spills will be slippery and highly flammable.
Methods and Materials for Containment and Clean Up Procedures:	Remove possible leaking containers. Remove all sources and ventilate area. Dilute small spills with water. For larger spills, wear protective equipment, dilute with water and absorb in inert material (sand or vermiculate). For major spills of bulk product, may be ignited by heat, sparks or flames. ELIMINATE all ignition sources within at least 25 metres. All equipment used when handling this product should be earthed. Use flameproof equipment. Dyke large spills for later disposal. Use clean non sparking tools to collect absorbed material in plastic containers.

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Dispose of material in compliance with federal, state and local regulations. Dilute the spill area with mild detergent to remove residue. Do not allow the material to enter drains or waterways.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

This product is a Class 2.1 Aerosol and should be transported and stored according to Dangerous Goods Regulations, Codes and Standards. Store below 50°C and above freezing. Avoid contact with eyes. Keep away from heat, flame or ignition source. Do not eat, drink or smoke in handling areas.

Conditions for Safe Storage:

Store product upright in a cool place and out of direct sunlight. Store away from alkalis, corrosive and oxidising products. Use good personal hygiene practices. Store in accordance with Dangerous Goods Regulations and transport in accordance with ADG Code for Dangerous Goods Class 2.1.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

ES-TWA (NOHSC Australian Exposure Standards)¹
Workplace Exposure Standards (NZ OS&HS Dept of Labour)²

Chemical Name	CAS No.	TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Cyclopentasiloxane ³	541-02-6	10	-	-	-
n-Butane ^{1,2}	106-97-8	800	1900	-	-
Isobutane ^{1,2}	75-28-5	-	-	-	-
Propane ^{1,2}	74-98-6	*	*	*	*
Aluminium Soluble Salts ^{1,2}	7429-90-5	-	2	-	-

TWA = Time-weighted average exposure standard

STEL = Short term exposure limit exposure standard

¹ National Occupational Health and Safety Commission .Exposure Standards for Atmospheric Contaminants in the Occupational Environment. National Exposure Standards [NOHSC: 1003 (1995)]. May 1995.

² Workplace Exposure Standards (NZ OS& HS Dept of Labour)

³ Dow Corning Recommendation

* Asphyxiant (18% minimum oxygen content of air)

Biological Limit Values:

No biological limit allocated.

Engineering Controls:

Use in a well ventilated area. Install safety showers and eyewash stations.

Personal protection equipment:

Avoid excessive inhalation. If ventilation is insufficient, a suitable respirator should be worn. Gloves (vinyl, plastic or rubber) may be worn when handling this product. It is recommended that protective clothing is worn eg

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aprons (vinyl plastic or rubber) and safety shoes. Eye protection in the form of tightly fitting safety goggles and /or face shield should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour:	White to pale yellow.
Odour:	Characteristic odour.
pH (20°C):	Not Determined
Vapour Pressure(20°C):	290-340 kPa.
Boiling Point (°C):	-12.
Melting Point (°C):	Not Determined.
Solubility in Water (mg/L):	Not Soluble.
Specific Gravity (25°C) :	599 kg/m ³ .
Flash Point (°C):	-60.
Upper and Lower Flammability Limits in Air (%):	9.6% and 1.5%.
Autoignition Temp (°C):	423-600.
Viscosity mPs (20°C):	Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of handling, use and transportation.
Conditions to Avoid:	Avoid heat, sparks and flames. Avoid any sources of ignition.
Incompatible Materials:	Keep away from strong oxidising agents alkalis and corrosive substances.
Hazardous Decomposition Products:	Decomposition will not occur.
Hazardous Reactions:	None known

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	Not Available. No particular hazards.
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Acute Dermal Toxicity:	Not Available.
Skin Irritation:	Not Available.
Skin Sensitisation:	Unlikely to cause skin sensitisation.
Eye Irritation:	Irritant to eyes. However splashes in the eye may cause stinging sensation and irritation and should be washed out with flowing water.
Inhalation:	Not Available. Breathing of vapours at high concentration may cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness. Warning: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Use in well ventilated places, avoid prolonged spraying.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not Available.
Persistence and Degradability:	Not Available.
Mobility:	Not Available:

13. DISPOSAL CONSIDERATIONS

Disposal Methods:	Recover cans if possible and dispose in accordance with local, state and federal government regulations. Do not puncture or incinerate cans even when empty.
Special Requirements for Landfill or Incineration:	Do not incineration. Empty containers should be disposed of to landfill in domestic garbage collection. The local waste authority should be consulted prior to disposal of bulk quantities.

14. TRANSPORT INFORMATION

Classified as a dangerous good by road and rail according to the ADG Code, by sea according to the IMDG and by air according to IATA regulations.

UN Number:	UN 1950
Proper shipping name:	AEROSOLS
Class:	2. Division 2.1
Subsidiary Risks:	Not Applicable.

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Packing group:	Not Applicable. Special provisions: SP63, SP190, SP277, SP327.
Hazchem code:	2YE
Special precautions for user:	None.
Emergency Information:	Refer to HB 76.

15. REGULATORY INFORMATION

AUSTRALIA

SUSDP Poisons Schedule:	Not Applicable
Prohibition/Licensing Requirements:	No applicable prohibitions or licencing requirements
Industrial Chemicals (Notifications and Assessment) Act 1989:	Ingredients are in the Australian Inventory of Chemical Substances or are covered by certificates, permits or exemptions in compliance with the Industrial Chemicals (Notification and Assessment) Act 1989.

NEW ZEALAND

Group Standard:	Cosmetic Products Group Standard 2006
HSNO Approval Number:	HSR002552
HSNO Class:	2.1.2A, 9.1D
HSNO Regulations:	Subject to Dangerous goods transport regulations. Classes 2 and 6 of control regulations: Regulations 11-27, 7, 8, 10, 32-45, 50-51, 55, 73, 77, 78, 82. Identification Regulations 6, 7, 11, 25, 29-35, 36(1-7), 37-39, 47-50, 51-52. Packaging Regulations 5, 6, 7(1), 8, 9, 13, Schedule 3. Disposal Regulations 6, 8, 9, 10, 11, 12, 13, 14. Emergency Regulations 6, 7, 9-11, 8e, 8f, 18-29, 25-34, 35-41, 42. Tracking Regulations 4(1), 5, 6 Personnel Qualifications Regulations (Approved Handlers) Regulations 4-6.
Aggregate Water Capacity:	150g aerosol – 330 ml 100g aerosol – 225 ml 30g aerosol – 75 ml

16. OTHER INFORMATION

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Date of Preparation:	18 th November 2010
Date of Last Revision:	9 th April 2010
Version Number:	6

DISCLAIMER

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. Since Unilever Australasia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.

END OF MSDS