

MATERIAL SAFETY DATA SHEET



Unilever Australasia
219 North Rocks Rd,
North Rocks NSW 2151
Australia
103 Carlton Gore Road,
Newmarket,
Auckland 1023
New Zealand

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

REXONA WOMEN ANTIPERSPIRANT AEROSOL

Product Name/s	Variant/s	Manufacturer's Product Codes	
		Finished Goods Code	Formula Code
Rexona Women Antiperspirant Deodorant	Cotton Dry 250ml (150g)	21125864	21129960
Rexona Women Antiperspirant Deodorant	Cotton Dry 90g (150ml)	21077569	61841504
Rexona Women Antiperspirant Deodorant	Cotton Dry 90g (150ml)	21083763	20277949
Rexona Women Antiperspirant Deodorant	Cotton Dry 90g (150ml)	21123035	61841504
Rexona Women Antiperspirant Deodorant	Cotton Dry 90g (150ml)	21156857	21129960
Rexona Women Antiperspirant Deodorant	Cotton Dry 50ml (30g)	21125869	21129960

Recommended Use:

Cosmetic antiperspirant aerosol product

Supplier:

Unilever Australasia

219 North Rocks Rd, North Rocks, NSW 2151, Australia

103 Carlton Gore Road, Newmarket, Auckland 1023, New Zealand

Telephone:

+61 2 9869 6100 (AUS)

+64 4 566 6949 (NZ)

Facsimile:

+61 2 9869 6150 (AUS)

+64 4 568 3396 (NZ)

Consumer Relations
Department:

Mon–Fri 9:00 am – 5:00 pm

Telephone:

1 800 227 200 (AUS)

0 800 108 806 (NZ)

Website

www.unilever.com.au

www.unilever.co.nz

Poison Information Centre
(24 hour)

131 126 (AUS)

0 800 764 766 (NZ)

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE – DANGEROUS GOOD

According to the criteria of NOHSC and the Australian Dangerous Goods Code

Hazard Classification:

Classified as a Non hazardous substance according to NOHSC criteria.

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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 74-98-6/106-97-8 10 - <30	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 74-98-6/106-97-8 10 - <30	-	<10
Other ingredients determined not to be hazardous		to 100

4. FIRST AID MEASURES

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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 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

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

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	*	*	*	*

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.

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Engineering Controls:	Use in a well ventilated area. Install safety showers and eyewash stations.
Personal Protective 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 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:	290-340 kPa.
Vapour Density:	Not Determined
Boiling Point (°C):	-12
Melting Point (°C):	Not Determined
Solubility in Water (mg/L):	Not Soluble
Specific Gravity (20°C) :	599 kg/m3.
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.

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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

Ingestion:	Not Available. No particular hazards.
Skin Contact:	Not Available.
Eye Contact:	Irritant to eyes. However splashes in the eye may cause stinging sensation and irritation and should be washed out with flowing water.
Inhalation:	<p>Not Available. Breathing of vapours at high concentration may cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness.</p> <p>Warning: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Use in well ventilated places, avoid prolonged spraying.</p>
Long Term Effects:	Not Available.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal Methods:	Recover product if possible and dispose in accordance with local, state and federal government. Containers may be washed with water and recycled.
Special Requirements for Landfill or Incineration:	No special requirements for landfill or incineration.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

AUSTRALIA

SUSMP 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
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.

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16. OTHER INFORMATION

Date of Preparation:	28 th August 2015
Date of Last Revision:	14 th August 2015
Version Number:	5
Reason for Issue:	Volume declaration added to variant descriptions.

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