

# AEROCAN PRODUCTS AUSTRALIA

## MATERIAL SAFETY DATA SHEET

### 1. Identification of Material and Supplier

**Product Name**      **LANOLIN AEROSOL**

**Other Names** *UN 1950 Class 2.1 Aerosol*

**Recommended Use**      **Lubricant Rust Inhibitor and water proofing**

**Supplier Name**            **Wholesale Chemical Company**      **ABN 63 127 274 597**

**Address Web**      **www.wccaustralia.com.au**

**Address**      **27 Dividend Street, Mansfield Qld 4122**

**Telephone**      **(07) 3343 4700**      **Facsimilie**      **(07) 3349 4199**

**Emergency Telephone**      **(02) 9673 4488**      **Technical Support**      **(02) 9673 4488**

### 2. Hazards Identification

**Poisons Schedule:**

**Dangerous Goods Class:**      Class 2.1 Flammable Gas

**UN Number:**      1950

**Sub Risk Class:**      Not applicable

**Hazchem Category:**      X Harmful

**Risk Phrases:**      R65 – Harmful may cause lung damage if solvent is aspirated into the lungs

**Safety Phrases:**      S2 – Keep out of reach of children

S23 – Do not breathe vapour/mist

S24 – Avoid contact with skin

S62 – If swallowed do not induce vomiting. Seek medical advice immediately.

**Overview:**

Flammable gas – aerosol cans may explode in fire

Prolonged spraying onto skin or into eyes may cause freezing of tissue

Resulting in frost bite type of injury

Risk of lung damage if solvent is aspirated into lungs.

**Acute:**      **Inhalation:**      Vapour concentrations may result in possible headaches, dizziness and drowsiness.

**Skin:**      May cause mild skin irritation. Prolonged spraying onto skin may cause freezing of tissue

**Eye:**      Vapour may cause moderate eye irritation. Spraying directly into eyes may cause severe damage

### 3. Composition Information

<b>Ingredient</b>	<b>CAS No.</b>	<b>Proportion</b>
Liquid Hydrocarbons	64742-48-9	40-70%
Lanolin Anhydrous	8006-64-0	20-40
Hydrocarbon Propellant	68131-75-9	20-40%

## 4. First Aid

<b>Eye (Contact)</b>	Flush with water for several minutes. Seek urgent medical advice.
<b>Skin (Contact)</b>	Remove contaminated clothing. Wash with plenty of soap and water. If in contact with liquefied contents, warm up gently and seek urgent medical advice. Do not use iced water.
<b>Inhalation (breathing)</b>	Remove to fresh air. Seek medical advice if effects persist or aspiration has occurred
<b>Ingestion (Swallowing)</b>	Do not induce vomiting as aspiration may occur and cause lung damage. Give a glass of water. Contact a doctor or poisons information centre 131 125
<b>Advice to Doctor</b>	Treat as for exposure to hydrocarbon propellant and distillates
<b>First Aid Facilities</b>	Eyewash bottle or basin

## 5. Firefighting Measure

<b>Flashpoint:</b>	Less than 50°C (propellant)
<b>Autoignition Point:</b>	482-549 C (propellant)
<b>Flammability Limits:</b>	1.8-9.8% in air (propellant)
<b>Specific Hazards:</b>	Highly flammable gas. Solvent vapours may form explosive mixtures with air. Pressurised containers may explode in fire situations
<b>Degree of fire:</b>	High fire hazard when sprayed near heat or flame
<b>Explosion hazard:</b>	High explosion hazard if product is involved in a fire
<b>Extinguishing Media:</b>	Dry chemical powder, foam, carbon dioxide, water fog
<b>Hazardous Composition</b>	Carbon dioxide, carbon monoxide, nitrogen oxides and smoke may be released in fire
<b>Products:</b>	
<b>Special Fire Fighting Procedures:</b>	Wear self-contained breathing apparatus and protective clothing Use water sprays to cool fire exposed containers. Vapours of this product are heavier than air and may collect in ditches, drains etc, forming potentially explosive mixtures.

## 6. Accidental Release Measures

Spill from aerosol can is unlikely. A leaking can should be placed outside in the open unit can is empty inside, eliminate all sources of ignition. Ventilate area. Note that propellant vapour is heavier than air and will settle in the lowest point.

## 7. Handling and Storage

<b>Handling Advice:</b>	Avoid using in a confined space. Avoid handling product near extreme heat or ignition Sources. However on application, the propellant and hydrocarbon solvent evaporates (1-2 hrs). Therefore treated items should not present a flammability hazard once dried.
<b>Storage Advice:</b>	Flammable gas – must be stored in accordance with government regulations for aerosols. Must not be stored with Dangerous Goods as listed in section 14. Do not cut or incinerate empty containers.

## 8. Exposure Control/Personal Protection

**Exposure Guidelines:** The following occupational exposure standards are assigned by NOHSC for the ingredients in this product.

<b>Ingredient:</b>	<b>8 hr TWA</b>	<b>STEL</b>
Butane	800 ppm or 1900 mg/m	Not set
Liquid Hydrocarbon	200 pm	Not set

**Biological Limit Values:** Not available

**Engineering Controls:** Keep away from sunlight, heat and sources of ignition. Use only with adequate ventilation.

**Personal Protective Equipment:** Use suitable protective equipment to avoid skin and eye contact.

## 9. Physical and Chemical Properties

**Appearance:** Brown transparent liquid  
**Flammability Limits:** 1.8 – 9.6% in air (propellant)  
**Odour:** Slight wool fleece odour and  
**Flash Point:** Less than -60°C (propellant)  
Solvent odour  
**Specific Gravity:** 0.81-0.83 @ 24°C  
**Autoignition Point:** 482-549°C (propellant)  
**Vapour Pressure:** >300 KP  
**Vapour Density:** >1 (relative to air = 1)  
(Propellant)

**Solubility:** Very low

## 10. Stability and Reactivity

**Stability:** Stable – unlikely to spontaneously decompose

**Conditions to Avoid:** Flammable gas – avoid heat, flames and ignition sources

**Hazardous Polymerisation:** Will not occur

## 11. Toxicology Information

No specific data is available for lanolin aerosol. Information presented is for the propellant and hydrocarbon ingredient.

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled or over-exposure occurs are:

**Ingestion:** Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central nervous system depression (like drunkenness) there is a greater likelihood breathing in vomit and thus damaging the lungs.

**Eye:** Vapour may cause moderate eye irritation. Spraying directly into eyes may cause tissue damage.

**Skin** Contact with skin may cause irritation. Prolonged spraying onto skin may cause a freezing of

**Contact:** tissue resulting in frost bite type of injury.

**Inhalation:** Breathing in vapour can result in headaches, dizziness, drowsiness and nausea. High concentrations can produce central nervous system depression which can lead to loss of coordination, impaired judgment and possible unconsciousness.

## 12. Ecological Information

No specific data is available for lanolin aerosol. Principle ingredients are lanolin, hydrocarbon solvent and propellant.

Lanolin is not regarded as hazardous. No specific eco-toxicity data is available on the hydrocarbon solvent, such compounds are generally regarded as hazardous to aquatic environments. However both propellant and solvent evaporate after application leaving behind a coating of lanolin. Therefore, treated items should not present an aquatic hazard once they have dried.

## 13. Disposal Considerations

Do not puncture or incinerate cans, even when empty. Recycle empty cans if a facility is available, otherwise empty cans may be disposed of in household garbage. Do not hose spills down drains, sewers or waterways.

## **14. Transport Information**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code)

**DG Class:** Class 2.1: Flammable Gas  
**UN Code:** 1950  
**Hazchem Code:** 2Y  
**Packing Group** iii  
**Proper Shipping Name:** AEROSOL  
**Segregation:** May not be loaded in the same vehicle or freight container (without appropriate segregation with dangerous goods of the following , Class 1, Class 4, Class 5, Class 7,

## **15. Regulatory Information**

**Poisons Schedule:** Schedule 5  
**Dangerous Goods:** Regulated under the Australian Dangerous Goods code and under State/Territory storage of Dangerous Goods Regulations  
**Hazardous Substance:** Category: X Harmful  
Risk Phrases: R65 – Harmful – may cause lung damage if swallowed.  
Safety Phrases:  
S2 – Keep out of reach of children  
S23 – Do not breathe vapour  
S24 – Avoid contact with skin  
S62 – If swallowed do not induce vomiting, seek medical advice

## **Section 16. OTHER INFORMATION**

**Poisons Information Centre 13 11 26**

**Contact:** Wholesale Chemical Company PTY LTD **Date of preparation:** 5 July 2010  
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