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Version: 9

Description: SILVO SILVER POLISH

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Revision Reason: Update NZ new address & phone number.

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PSDS

PSDS

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1. PRODUCT and COMPANY IDENTIFICATION

Product Name	Silvo Silver Polish
Other Names	None
Recommended Use	Metal cleaner and polish.

Supplier

AUSTRALIA

COMPANY:	Reckitt Benckiser (Australia) Pty Limited
ABN:	17 003 274 655
ADDRESS:	44 Wharf Road West Ryde NSW 2114
TELEPHONE:	(02) 9857 2000

AFTER HOURS EMERGENCY TELEPHONE
(5pm to 8am EST Australia): (02) 9857 2444

NEW ZEALAND

COMPANY:	Reckitt Benckiser (New Zealand) Limited
ADDRESS:	2 Fred Thomas Drive, Takapuna, Auckland 0622
TELEPHONE	+64 9 484 1400

Poisons Centre Information

AUSTRALIA	13 1126
NEW ZEALAND	0800 764 766 or 0800 POISON

2. HAZARD(S) IDENTIFICATION

**HAZARDOUS ACCORDING TO NOHSC CRITERIA
DANGEROUS GOODS ACCORDING TO ADG CODE (See Section 14)**

RISK PHRASE(S) (See Section 15)	R36 Irritating to eyes R67 Vapours may cause drowsiness and dizziness
SAFETY PHRASE(S)	S2 Keep out of reach of children S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S62 If swallowed do not induce vomiting, seek medical advice immediately and show this container or label.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Proportion (% w/w)
Isopropanol	67-63-0	10 - <30
Ammonium hydroxide	1336-21-6	<5
Other ingredients classified as not hazardous according to NOHSC		to 100

4. FIRST AID MEASURES

Eye Contact	Wash eyes with a large amount of water. If irritation persists, contact a doctor.
Skin Contact	Wash off skin with soap and water. If irritation occurs and persists, contact a doctor.
Inhalation	Remove to fresh air. If breathing difficulties are experienced seek medical attention.
Ingestion	Give two glasses of water to drink. Contact a doctor or Poisons Information Centre.
Advice to Doctor:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific Dangers	The product is not flammable and will not support combustion.
Flammability	Not Flammable.
Extinguisher Type	Water spray (not jet), carbon dioxide, dry chemical or alcohol-resistant foam.
Hazchem code	3Y

6. ACCIDENTAL RELEASE MEASURES

Emergency and Evacuation Procedures	Keep area well ventilated. Remove all sources of ignition and avoid generating sparks or static discharge. Do not let product enter drains or natural waterways. Use personal protective equipment. See section 8.
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Minor Spills	Wipe up product with a wet cloth and wash area with water.
Major Spills	Contain spill. Collect with a suitable absorbent such as sand. Shovel into clean, dry, labelled containers and close lids tightly. Do not allow material to enter waterways

7. HANDLING AND STORAGE

Handling	Dangerous good class 3. Handle accordingly. Wear suitable gloves if long or repeated exposure to the product is anticipated
Storage	Dangerous good class 3. Store accordingly. Store in a cool, dry, frost free place away from sources of ignition and out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards - Australia

Exposure Standards⁽¹⁾ have been set for the following ingredients:

Ingredient	CAS No. ^(a)	TWA		STEL		Carcinogen Category	Notices
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}		
Ammonia ²	7664-41-7	25	17	35	24	-	-
Isopropanol	67-63-0	400	983	500	1230	-	-

Exposure Standards - New Zealand

Exposure Standards⁽³⁾ have been set for the following ingredients:

Ingredient	CAS No. ^(a)	TWA		STEL	
		ppm ^(b)	mg/m ^{3(c)}	ppm ^(b)	mg/m ^{3(c)}
Ammonia ²	7664-41-7	25	17	35	24
Isopropanol	67-63-0	400	983	500	1230

TWA = Time Weighted Average

STEL= Short Term Exposure Limit

⁽¹⁾ Worksafe Australia Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 1995]

⁽³⁾ Workplace Exposure Standards endorsed by the Occupational Safety and Health Service (OSH) of the Department of Labour; Revised: January 2002

^(a) CAS #, Chemical Abstracts Service Registry. A unique numbering identifier is assigned to each individual chemical.

^(b) Parts of vapour or gas per million of contaminated air by volume at 25°C and 760 torr.

^(c) Milligrams of substance per cubic metre of air.

⁽²⁾ Ammonia in solution exists as ammonium hydroxide (Cas # 1336-21-6) and may release ammonia vapours (Cas # 7664-41-7)

Engineering Controls	Ensure adequate ventilation. Maintain air concentrations below set exposure standards.
Personal Protection	When handling bulk quantities, wear suitable gloves, protective clothing and goggles. If ventilation is inadequate wear a respirator fitted with an organic vapour cartridge.
Work/Hygienic Practices	Wash thoroughly with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Opaque
Colour	Light brown
Boiling Point	82°C (isopropanol)
Vapour Pressure	4.414 kPa at 20°C (isopropanol)
Density	1.07 g/mL @ 20°C
pH	10.0 - 10.6 neat @ 20°C
Flashpoint	25°C
Solubility in Water	Dispersible

10. STABILITY AND REACTIVITY

Stability	Stable under normal storage conditions. No unusual reactivity.
Dangerous Reactions	None
Decomposition Products	Products may include oxides of carbon and nitrogen.
Conditions to Avoid	High temperatures.
Incompatible Materials	Avoid oxidising materials.
Decomposition Products	Incomplete combustion produces toxic gases

11. TOXICOLOGICAL INFORMATION

Acute Effect(s)	
Eye	Will cause irritation to the eye.
Skin	May cause irritation to the skin with prolonged contact. Prolonged and repeated contact will dry and defat the skin leading to irritation and possible dermatitis.
Inhaled	May cause irritation to the upper respiratory tract. Aspiration during swallowing or vomiting may damage the lungs.
Swallowed	May cause irritation to the upper gastrointestinal tract. May cause gastric irritation, nausea and vomiting.
Chronic Effect(s)	The chronic toxicity of this product has not been determined.
Toxicity Information	Information is based on available component data and their concentrations in the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity Based on component ecotoxicity data the product is not an environmental hazard.

13. DISPOSAL CONSIDERATIONS

Disposal Method Product should be treated according to the instructions given under sections 6,7 and 8 above.
Dispose of according to Local, State and Federal regulations. Contact relevant authority for details.

14. TRANSPORT INFORMATION

Road Transport Regulations (ADG 7 Aust.)

UN number: 1993
Proper shipping name: (FLAMMABLE LIQUID, N.O.S. contains ISOPROPANOL)
DG class: 3
Subsidiary risk: None allocated
Packing group: III
Hazchem code: 3Y

Maritime Transport Regulations (IMDG)

UN number: 1993
Proper shipping name: (FLAMMABLE LIQUID, N.O.S. contains ISOPROPANOL)
DG class: 3
Subsidiary risk: None allocated
Packing group: III
Marine Pollutant: Not a Marine Pollutant

Air Transport Regulations (IATA)

UN number: 1993
Proper shipping name: (FLAMMABLE LIQUID, N.O.S. contains ISOPROPANOL)
DG class: 3
Subsidiary risk: None allocated
Packing group: III

15. REGULATORY INFORMATION

AUSTRALIA

Regulatory Status Not applicable.

Hazardous Substances Regulation Hazardous

Risk Phrase(s) R36 Irritating to eyes
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s) S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S62 If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

SUSDP Poisons Schedule Number: S5 (Ammonia)

**NEW ZEALAND
Regulatory Status**

This product has been approved under HSNO covered by Cleaning

Products (Flammable) Group Standard 2006 HSR002528.

Approved Handler Not required

Tracking Not required

16. OTHER INFORMATION

CONTACT POINT

AUSTRALIA and NEW ZEALAND

Regulatory, Safety & Environmental Services

From outside Australia Ph: (61) (2) 9857 2000

From within Australia Ph: (02) 9857 2000

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KEY/LEGEND

AICS = Australian Inventory of Chemical Substances

NOHSC = National Occupational Health and Safety Commission (Australia)

SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons (Australia)

ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail

IATA = International Air Transport Association

IMDG = International Maritime Organization Rules

HSNO = Hazardous Substances and New Organisms

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