

# MATERIAL SAFETY DATA SHEET

BRS AUSTRALIA PTY LTD

Product: RED DOG METAL POLISH

## MATERIAL SAFETY DATA SHEET

Classified as hazardous according to criteria of Worksafe Australia

PRODUCT: RED DOG METAL POLISH

### SECTION 1 – PRODUCT IDENTIFICATION

Trade Name: RED DOG METAL POLISH

Distributor: BRS AUSTRALIA PTY LTD  
Emergency Phone No: (07) 3807 7400  
Regular Phone No: (07) 3807 7491  
Address: 19 COMPUTER ROAD  
YATALA QLD 4207

### SECTION 2 – HAZARDS IDENTIFICATION

Classification: This material is classified as hazardous according to criteria of NOHSC.

UN No:	Not Applicable	PACKAGING GROUP:	Not Applicable
CLASS:	Not Applicable	HAZCHEM:	Not Applicable
SUB-RISK	Not Applicable	POISONS SCHEDULE:	S5

#### Hazard Category

Xn HARMFUL

#### Risk Phrases

R65: Harmful: may cause lung damage if swallowed.

#### Safety Phrases

S2: Keep out of the reach of children

S24: Avoid contact with skin

S45: In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label

### SECTION 3 – INGREDIENTS

MATERIAL/COMPONENT	Wt%	CAS NUMBER
Liquid Hydrocarbons	>10 % < 30%	64742-48-9
Calcined Kaolin	<10%	1322-58-7
Other ingredients not classified as hazardous	to 100%	

### SECTION 4 -EMERGENCY AND FIRST AID PROCEDURES

For advice, contact a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 0 800 764766) or a doctor.

#### EMERGENCY AND FIRST AID PROCEDURES

Eyes: Hold eyes open and flush with water for at least 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing and wash skin thoroughly with water. Wash clothing before re-use.

Inhalation: Remove to fresh air. Allow patient to assume most comfortable position and rest until recovered. Apply artificial respiration if not breathing. Seek medical attention.

Swallowed: Do not induce vomiting. Give a glass of water. Seek medical attention.

First Aid Facilities: Provide eye baths and safety showers close to areas where splashing may occur.

Advice to Doctor: Treat symptomatically based on judgement of doctor and individual reactions of patient.

### SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point	>61C	Method:	Not applicable
Flammability Limits in Air (% Volume)		Upper:	7.0
Lower:	0.6		

Flammability: Red Dog Metal Polish is a combustible liquid. Avoid heat and all ignition sources. Use only in well ventilated areas. Prevent build-up of flammable vapours. Consult further information on safe storage and handling of hydrocarbon liquids. Handle in accordance with state or territory regulations for hydrocarbon liquids.

Fire and Explosion Hazards: Closed containers exposed to high temperatures, such as fire conditions may rupture. Vapours may form explosive mixtures with air. Use water sprays to cool fire exposed surfaces and any adjacent storage vessels. Shut of source of product if safe to do so. Remove sources of re-ignition. Use water fog to extinguish, or in the absence of water fog, a fine spray may be used. Wear a breathing apparatus when attending fire hazard.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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Spill or Leak: Ensure adequate ventilation. Avoid prolonged breathing of vapour. Contain spill with sand or earth. Do not allow to enter storm water drains, or water courses. Gather up absorbent for disposal according to regulations.

Waste Disposal: Dispose of in accordance with local, state, and federal regulations.

## SECTION 7 HANDLING AND STORAGE

Handling & Storage: Store in cool well ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labelled. Avoid contact with oxidising agents and mineral acids. Store only in original or approved containers. Use with adequate ventilation and avoid generating dusts. Harmful or fatal if swallowed! Avoid contact with eyes and skin. Avoid breathing vapors. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition.

Other: This product is classified as a C1 combustible liquid for the purpose of storage and handling.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, for the hydrocarbon constituent:

TWA = 184 ppm (1200 mg/m<sup>3</sup>)

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Controls: Keep away from sources of ignition. Take precautionary measures against static discharges. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces.

Personal Protection: Wear chemical goggles or face shield. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations or if dust is being generated from usage. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority. Wear protective clothing as necessary to avoid skin contact.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Purple viscous liquid  
Specific Gravity: approx. 1  
Vapour Pressure (kPa @20°C): 0.04 (Hydrocarbon fraction)  
Boiling Point: Not available  
Melting Point: Not available  
Vapour Density (Air = 1): >1  
Evaporation Rate: Slower than Ethyl Ether (Ethyl Ether = 1)  
Solubility in Water: Insoluble, but dispersible

## SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable under normal conditions of use.  
Conditions to Avoid: Open flames, sparks, and heat.  
Incompatibility Materials to Avoid: Strong acids, alkalis, and oxidizers.  
Hazardous Decomposition Products: Carbon dioxide, headaches and nausea. Due to the physical form of the product it is not expected that the exposure standards listed will be exceeded. Shaking the dried polish from polishing pads or cloths may produce dust which will contain kaolin. Inhalation of this dust may cause difficulty in breathing. It can cause coughing, wheezing and possible long term damage to the lungs.  
Hazardous Polymerization: Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

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 and overexposure occurs are:

### HEALTH EFFECTS

Eyes: Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling. Dust generated while using this product contains abrasive material which can cause irritation of the eyes.  
Skin: Contact with skin can cause irritation, (minor itching, burning, and/or redness) dermatitis.  
Inhalation: Irritant to the nose and respiratory tract, headaches and nausea. Due to the physical form of the product it is not expected that the exposure standards listed will be exceeded. Shaking the dried polish from polishing pads or cloths may produce dust which will contain kaolin. Inhalation of this dust may cause difficulty in breathing. It can cause coughing, wheezing and possible long term damage to the lungs.

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Product: RED DOG METAL POLISH

Ingestion: Ingestion can cause possible gastrointestinal irritation, nausea, vomiting, and diarrhea.

Toxicological Data:

None determined for this particular product.

Carcinogenic: NO  
Teratogen: NO  
Mutagen: NO

Primary Routes of Exposure: skin, inhalation.

## SECTION 12 - ECOLOGICAL INFORMATION

Avoid contaminating waterways

## SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of material according to Local Authority Regulations or through a licensed waste contractor.

## SECTION 14 TRANSPORT INFORMATION

Road and Rail Transport: Not currently classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.  
Marine Transport: Not currently classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.  
Air Transport: Not currently classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## SECTION 15 REGULATORY INFORMATION

Classification: This material is classified as hazardous according to criteria of NOHSC. All the constituents of this material are listed on the Australian Inventory of Chemical Substances.

Poison Schedule: S5

### Hazard Category

Xn HARMFUL

### Risk Phrases

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## SECTION 16 OTHER INFORMATION

### CONTACT POINTS

#### ORGANISATION

Poisons Information Centre – Australia Wide  
BRS AUSTRALIA PTY LTD

#### TELEPHONE

131126  
(07) 3807 7400  
0412 755 979  
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#### ASK FOR

Andrew Crutchfield  
Andrew Crutchfield  
Fire Brigade  
Police

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. BRS Australia Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.

PREPARED BY: Malcolm Swanney BSc CHEM Title: Chemist

Date: 15/09/2014