



# DAVID GRAY & CO PTY LIMITED

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(During Office Hours 8am to 4.30pm Monday to Friday)

Date of Issue: March 2008

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## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

**PRODUCT NAME:** David Grays Dog Shampoo

**OTHER NAME:** None available

**MANUFACTURERS CODE:** 02751 (500ml)

**USE:** Insecticidal control of fleas & ticks on dogs as per the label directions.

### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

**HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):**

Classified as not hazardous according to the criteria of NOHSC.

**RISK PHRASES:** Not applicable

**SAFETY PHRASES:** Not applicable

### INGREDIENTS

| CHEMICAL NAME                                    | CAS.NO.   | PROPORTION |
|--------------------------------------------------|-----------|------------|
| Pyrethrins                                       | 8003-34-7 | 0.5g/L     |
| Piperonyl Butoxide                               | 51-03-6   | 5.0g/L     |
| Other ingredients determined to be non-hazardous |           | To 100%    |

## FIRST AID MEASURES

**GENERAL:**

In every case of suspected poisoning, contact a doctor or a Poisons Information Centre immediately. (131126)

**SWALLOWED:**

Seek medical attention immediately. Do not induce vomiting.

**NOTE:** Do not give fluids, tablets or induce vomiting if patient is unconscious or convulsing.

**EYE:**

Hold eyelids open and flush eyes with water for at least fifteen minutes. Seek medical attention.

**SKIN:**

Remove contaminated clothing and wash skin thoroughly with soap and water for at least fifteen minutes. If symptoms of poisoning occur, seek medical attention immediately.

**INHALED:**

Immediately remove patient to fresh air. Seek medical attention if effects persist.

**FIRST AID FACILITIES:**

Soap , water, eyewash

**ADVICE TO DOCTOR:**

Treat symptomatically.

## FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, foam or Carbon Dioxide

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon and nitrogen oxides

**FIRE FIGHTING PERSONAL PROTECTIVE EQUIPMENT:** Self-contained breathing apparatus. Rubber gloves, rubber boots and eye protection.

**HAZCHEM CODE:** Not relevant

## ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURE:** Spill or leak area should be isolated immediately. Advise emergency services if required (FESA). Keep all unauthorised persons away from the area. Contain spill if safe to do so. (See below)

**CONTAINMENT AND CLEAN UP:** Contain spill by using absorbent material ie (sand, earth or attapulgate). Cover any open drains with plastic, rubber etc. (See section handling and storage for PPE requirements). Do not allow entry into waterways. Collect (shovel or sweep) absorbent material into sealable steel or plastic containers, clearly labelled. Disposal of contaminated material must be done in accordance with State and/or Local regulations. Small spills: If spilt indoors, once absorbed and removed, wash contaminated surface with a mild detergent solution

## HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:**

Avoid contact of the product with hands, skin, eyes. Do not allow the product to enter the mouth.

Wash hands, face and arms immediately after use and before eating, drinking, smoking or going to the toilet.

**STORAGE:**

Keep cool out of direct sunlight and provide adequate ventilation. Avoid contact with alkaline materials.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE STANDARDS:**

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)  
Pyrethrins 5 - mg/m<sup>3</sup>

Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

**BIOLOGICAL LIMIT:**

Not relevant

**ENGINEERING CONTROLS:**

Not relevant.

**PERSONAL PROTECTIVE EQUIPMENT:**

For maximum protection, when handling the product, preparing and using mixture, we recommend the following to be worn:

- Rubber gloves

Remove contaminated clothing immediately and wash thoroughly (separate from other clothing) after each days use.

## PHYSICAL AND CHEMICAL PROPERTIES

|                              |                                           |
|------------------------------|-------------------------------------------|
| <b>APPEARANCE:</b>           | Pale yellow viscous liquid                |
| <b>ODOUR:</b>                | pleasant floral fragrance                 |
| <b>pH:</b>                   | 6.5 – 7.5                                 |
| <b>VAPOUR PRESSURE:</b>      | Not available for the mixture             |
| <b>VAPOUR DENSITY:</b>       | Not available for the mixture             |
| <b>BOILING POINT:</b>        | Approx 100 <sup>o</sup> C for the mixture |
| <b>MELTING POINT:</b>        | Not available for the mixture             |
| <b>SOLUBILITY IN WATER:</b>  | Disperses in water                        |
| <b>SPECIFIC GRAVITY:</b>     | 0.97 – 0.98                               |
| <b>FLASH POINT:</b>          | Non-Flammable                             |
| <b>FLAMMABILITY LIMITS:</b>  | Non-Flammable                             |
| <b>IGNITION TEMPERATURE:</b> | Non-Flammable                             |

## STABILITY AND REACTIVITY

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <b>CHEMICAL STABILITY:</b>               | Stable at normal storage conditions |
| <b>CONDITIONS TO AVOID:</b>              | Extremes of heat                    |
| <b>INCOMPATIBLE MATERIALS:</b>           | Alkaline materials                  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> | Carbon and nitrogen oxides          |
| <b>HAZARDOUS REACTIONS:</b>              | Not relevant                        |

## TOXICOLOGICAL INFORMATION

**GENERAL:**

No adverse health effects are expected when the product is used in accordance with label directions.

**ACUTE****SWALLOWED:**

The acute oral toxicity is low. For Product: calculated Oral LD50 (rat) > 20g/kg bodyweight

**EYE:**

Slight eye irritant.

**SKIN:**

The acute dermal toxicity is low.

**INHALED:**

Inhalation LD50 (rat) = No data available

**CHRONIC:**

Not expected to cause any adverse conditions during normal use. People susceptible to detergent dermatitis may experience irritation and would be recommended to wear gloves whilst handling the product.

## ECOLOGICAL INFORMATION

**ECOTOXICITY:** Toxic to aquatic life.

**PERSISTENCE AND DEGRADABILITY:** Not persistent in soil or air with a half-life of 7 days in soil

**MOBILITY:** Moderate to low mobility in soil with a Koc number ranging from 399 - 830

## DISPOSAL CONSIDERATIONS

Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Dispose of empty containers by wrapping in paper, placing in plastic bag and putting in garbage.

Do not allow chemical containers, spray or washings to contaminate drains, sewers, streams, ponds or any waterway.

**TRANSPORT INFORMATION**

Product is classified as not being a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN NUMBER:** Not Relevant  
**CORRECT SHIPPING NAME:** Not Relevant  
**DANGEROUS GOODS CLASS:** Not Relevant  
**SUB-CLASS:** Not Relevant  
**PACKAGING GROUP:** Not Relevant  
**SPECIAL PRECAUTIONS FOR USER:** Not Relevant  
**HAZCHEM CODE:** Not Relevant

**REGULATORY INFORMATION**

No further information available.

**OTHER INFORMATION****CONTACT POINT**

**TITLE:** Technical Department  
**TELEPHONE NUMBER:** (08) 9337 4933  
**AUTHORISED:** **Technical Department**  
**DATE:** **19 March 2008**

**NOTICE:**

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein.

No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to alter this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours, or via e-mail <mailto:general@davidgray.com.au>