

SECTION 1 - IDENTIFICATION

Product Name: DAVID GRAYS DOG SHAMPOO

APVMA No: 42262

Recommended Use: Pet Grooming / Pest Control

Restrictions on Use: Use only as directed per label instructions.

Manufactured By: David Gray & Co. Pty. Ltd.
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Emergency Number: (08) 9337 4933

SECTION 2 - HAZARD(S) IDENTIFICATION

Product Hazard Classification: Eye Irritation: Category 2B

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statements: Causes eye irritation.
May be harmful if swallowed.
Harmful to aquatic life.

Precautionary Statements

Prevention: Keep out of reach of children.
Read label and SDS before use.
Wash hands thoroughly after handling.
Wear eye protection.
Avoid release to the environment.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
IF SWALLOWED: Immediately call a poison control center or a doctor. DO NOT induce vomiting.

Storage: Store in a cool, well-ventilated place. Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional and national regulations.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Synonym(s)</u>	<u>CAS Number</u>	<u>Concentration (% w/w)</u>
Piperonyl Butoxide	N/A	51-03-6	0.43 – 0.58
Sodium Laureth Sulfate	N/A	68585-34-2	10 - 30
Pyrethrins	N/A	8003-34-7	0.043 – 0.058
Non-Hazardous Ingredients	N/A	N/A	up to 100

SECTION 4 - FIRST-AID MEASURES

Inhalation:	Move to fresh air. Seek medical attention if symptoms develop or persist.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Skin Contact:	Remove contaminated clothing. Rinse affected area with plenty of water. Consult a physician if irritation persists.
Ingestion:	Contact a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, carbon dioxide (CO ₂), dry chemical or firefighting foam.
Unsuitable Extinguishing Media:	None known.
Hazardous Thermal Decomposition Products:	Carbon dioxide (CO ₂); carbon monoxide (CO).
Specific Hazards from Product:	None known.
Special Protective Equipment/Precautions for Firefighters:	Fight surrounding fire with standard firefighting procedures and precautions. Wear full protective gear and self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin and clothing. Exercise caution when cleaning area, as vicinity of spill may be slippery. Ensure adequate ventilation.
Environmental Precautions And Clean-Up Methods:	Dike or contain large spills, then absorb with earth, sand or other absorbent material. Place in container for appropriate disposal (see Section 13). Avoid release to the environment. Product is toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling:	Do not contaminate water, food or feedstuffs by storage, handling or disposal. Use only in well ventilated areas. Handle product in accordance with good industrial hygiene and safety practices. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Keep container closed when not in use. Keep out of the reach of children.
Conditions for Safe Storage:	Store tightly closed containers in a cool, dry and well-ventilated place.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: (Note: N/A = Not Applicable; N/E = Not Established)

<u>Chemical Name</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Pyrethrins	8003-34-7	5 mg/m ³	5 mg/m ³
Piperonyl Butoxide	51-03-6	N/E	N/E

Engineering Controls:	Ensure adequate ventilation, especially in confined areas.
<u>Personal Protective Equipment</u>	
Eye Protection:	Wear safety glasses or goggles.
Skin Protection:	To prevent repeated or prolonged contact, wear impervious protective clothing (gloves, aprons, etc.) made from rubber, nitrile or neoprene.
Respiratory Protection:	Not generally required. If respiratory protection is required, a respiratory program meeting OSHA's 29CFR 1910.34 and ANSI Z88.2 requirements must be followed.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.	Lower Flammability Limit:	No data available.
Color:	Pale Clear / Yellow	Vapor Pressure:	No data available.
Odor:	Lavender	Vapor Density:	No data available.
Odor Threshold:	No data available.	Relative Density:	0.97 - 1.04
pH:	6.0 - 8.0	Solubility in Water:	Soluble.
Melting/Freezing Point:	No data available.	Partition Coefficient (n-octanol/water):	No data available.
Initial Boiling Point/Range:	No data available.	Auto-Ignition Temperature:	No data available.
Flash Point:	No data available.	Viscosity:	40 - 400 cps
Evaporation Rate:	No data available.	Decomposition Temperature:	No data available.
Flammability (Solid/Gas):	No data available.	VOC Content (wt %):	No data available.
Upper Flammability Limit:	No data available.		

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Under normal conditions of storage and use, hazardous reactions will not occur.
Stability:	Stable under normal conditions.
Hazardous Reactions:	None known under normal conditions.
Conditions to Avoid:	None known.
Incompatible Materials:	Acids; strong oxidizers.
Hazardous Decomposition Products:	None known under normal conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute/Potential Health Effects

Inhalation:	May irritate respiratory tract and mucous membranes.
Eye Contact:	May cause serious eye irritation. Symptoms include stinging, tearing and redness.
Skin Contact:	May cause redness or irritation.
Ingestion:	May be harmful if swallowed.

Chronic/Long Term Effects: None known.
Carcinogenic Information: This material is not listed as a carcinogen.

Symptoms Related to the Physical Chemical and Toxicological Characteristics: No information available.

Delayed/Immediate/Chronic Effects from Short- and Long-Term Exposure

Acute Toxicity: No known effect.
Skin Corrosion/Irritation: No known effect.
Serious Eye Damage/Eye Irritation: May cause eye irritation.
Skin Sensitization: No known effect.
Respiratory Sensitization: No known effect.
Germ Cell Mutagenicity: No known effect.
Carcinogenicity: No known effect.
Reproductive Toxicity: No known effect.
Developmental Toxicity: No known effect.
Specific Target Organ Toxicity: No known effect.
Aspiration Hazard: No known effect.

Component Information

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LD₅₀ Oral</u>	<u>Exposure Time</u>	<u>Species</u>
Piperonyl Butoxide	51-03-6	4,570 mg/kg	N/A	Rat
Pyrethrin	8003-34-7	1,030 mg/kg	N/A	Rat

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LC₅₀ Inhalation</u>	<u>Exposure Time</u>	<u>Species</u>
Piperonyl Butoxide	51-03-6	> 5.9 mg/l	4 hours	Rat
Pyrethrin	8003-34-7	3.4 mg/l	4 hours	Rat

Product Information

Acute Toxicity of Mixture: Not determined.
Acute Toxicity Estimate Basis: Additivity formula.
ATE_{MIX} (Oral): > 20,000 mg/kg.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This pesticide is toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters. Do not contaminate water when disposing of equipment wash-waters.

Persistence and Degradability: No information available.

Bioaccumulative Potential: No information available.

Mobility in Soil: No information available.

Other Adverse Effects: None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method:	Follow all safety instructions and good hygiene practices. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact the manufacturer of this product.
Empty Container:	Product is sold in a non-refillable container. DO NOT reuse or refill empty container. Triple rinse container (or equivalent) promptly after emptying. Then, offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

SECTION 14 - TRANSPORT INFORMATION

UN Number:	N/A
Proper Shipping Name:	Not Regulated
Hazard Class:	Non-Hazardous.
Packing Group:	N/A

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison Schedule	A poison schedule number has not been allocated to this product using the Criteria in the Standard for the Uniform Scheduling Medicines and Poisons (SUSMP)
APVMA Numbers	42262
Classifications	Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision

SECTION 16 - OTHER INFORMATION

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

Hazard and precautionary statements according to classification under GHS (Globally Harmonised System) of Classification and Labelling.

The information contained herein is given in good faith however and is considered to be 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 make any alterations to this SDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.