Apex Laboratories Pty. Ltd. | ACN 000 397 240 | www.apexlabs.com.au | Phone: 02 4372 1661 | Fax: 02 4372 1668 (International +61) | Email: info@apexlabs.com.au

Material Safety Data Sheet

Butalone Granules Analgesic and Anti-inflammatory

Classified as hazardous according to the criteria of NOHSC

SECTION I Identification of the Material and Supplier

Product Name	Butalone Granules Analgesic and Anti-inflammatory
Recommended Use	To treat musculoskeletal disorders and other conditions where NSAIDs are indicated.
Supplier Details	Apex Laboratories Pty. Ltd.
ACN Number	000 397 240
Street	61 Chivers Road
Suburb	Somersby
State	NSW
Country	Australia
Post Code	2250
Phone	+61 2 4372 1661 (Business hours – 8.30am – 5.00pm)
Fax	+61 2 4372 1668 (fax)
Website	http://www.apexlabs.com.au
Emergency contact	As above or Poisons Information Centre 131126 (Australia)

SECTION II Hazard Identification

Classification	Classified as hazardous according to the criteria of NOHSC	
Risk Phrases	R22 Harmful if swallowed	R36/37/38 Irritating to eyes, respiratory system and skin.
Safety Phrases	None allocated	
ADG Class	None allocated	
Hazchem Code	None allocated	
Poisons Schedule	S4	

SECTION III Composition

Ingredients	CAS No	Proportion	TWA mg/m3	STEL mg/m3
Phenylbutazone	50-33-9	>60%	10	not set
Other non hazardous ingredients	NA	to 100%	NA	NA

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week over an entire working lifetime. The TWA exposure standard set by Worksafe Australia for dusts not otherwise specified is 10mg/m3. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL.

SECTION IV First Aid Measures

Ingestion	If swallowed rinse mouth out with water, give water to drink and seek medical advice. Induce vomiting.
Eye	Irrigate with copious quantities of lukewarm water for 10 minutes and seek medical advice.
Skin	Wash well with soap and water and if concerned seek medical advice.
Inhalation	Generally not required. If concerned move to fresh air and seek medical advice.

SECTION V Fire Fighting Measures

Extinguishing Media	Dry agent, water fog, mist or spray, carbon dioxide. As appropriate for surrounding material.

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Combustion Hazards	No known toxic hazards.
Precautions for Firefighters	Wear self contained breathing apparatus and protective clothing.
Hazchem Code	None allocated

SECTION VI Accidental Release Measures

Emergency Procedures	Spillage of formulated product from marketed packaging is unlikely to ever be serious, however, in the event of a major spill, protect drains and water courses from contamination.
Materials and Methods	Wear protective clothing (overalls, goggles, gloves and boots) and prevent further spillage. Shovel spillage into labelled containers and dispose after consulting appropriate authorities.

SECTION VII Handling and Storage

Precautions	Always use good occupational work practices and observe recommendations on the label. Keep exposure to this product to a minimum. Prohibit eating, drinking and smoking in storage and handling areas. Wash hands after handling and remove contaminated clothing and any protective equipment before entering eating areas.
Conditions	Store product in original containers as per label instruction (below 30oC or room temperature).

SECTION VIII Exposure Controls and Personal Protection

National Exposure Standards	No exposure standard has been allocated for this mixture or any significant ingredient within this mixture.
Biological Limit Values	No biological limit has been allocated for this mixture.
Engineering Controls	No specific engineering controls are required for this mixture.
Personal Protective Equipment	
Eye	Eye protection is not normally necessary. If concerned wear protective goggles or glasses. Wash hands after handling and prior to touching eye and in particular handling contact lenses.
Skin	Skin protection is not normally necessary, however it is good practice to avoid contact with chemicals by wearing suitable gloves when handling.
Respiratory	Protection from inhalation is not normally necessary. If ventilation is inadequate or dust is likely to build up then use of a suitable dust mask would be appropriate.

SECTION IX Physical and Chemical Properties

Appearance	White granules.
Odour	Non specific odour.
pH	No data available.
Vapour pressure	No data available.
Boiling point/range	No data available.
Freezing/Melting point	No data available.
Solubility	No data available.
Specific gravity/density	No data available.
Flash Points	No data available.
Flammable limits (in air)	No data available.
Ignition temperature	No data available.

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SECTION IX Physical and Chemical Properties

Chemical stability	This mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to avoid	No specific conditions to avoid other than extreme heat.
Incompatible materials	No data available.
Decomposition products	No known decomposition products.
Hazardous reactions	No data available.

SECTION XI Toxicological Information

Handling of the formulated product is not expected to cause any adverse affects. The following data pertains particularly to the active and any hazardous ingredients in the formulation, rather than this specific formulation.

Acute Health Effects

Ingestion	
Eye	The data available suggests that eye contact may result in a transient irritation and associated blinking and pain.
Skin	The data available suggests that skin contact may result in mild discomfort.
Inhalation	The data available suggests that inhalation of the dust may be discomforting to the upper respiratory tract. Pre-existing respiratory disease may be exacerbated by inhalation of the dusts.

Chronic Health Effects

Ingestion	Chronic ingestion is unlikely however the data available suggests that signs as described above could be anticipated. Leukaemia has been reported in patients receiving phenylbutazone.
Eye	The data available suggests that repeated or prolonged exposure may lead to conjunctivitis.
Skin	The data available suggests that repeated or prolonged contact may be discomforting to the skin.
Inhalation	The data available suggests that repeated or prolonged exposure can induce extreme immune system responses in the form of chest pain due to constriction of the airwaves, hives, deep skin weals, running nose and blurred vision.
Advice to Doctor	Treatment for any adverse effects should be symptomatic. Following overdose the stomach should be emptied by emesis or lavage with sodium bicarbonate solution.
Carcinogenicity	Leukaemia has been reported in patients receiving phenylbutazone although the relationship is not clear.
Compounding effects	Phenylbutazone may cross the placenta and be excreted in breast milk.

SECTION XII Ecological Information

Ecotoxicity	No data available.
Persistence and Degradability	No data available.
Mobility	No data available.

SECTION XIII Disposal Considerations

Disposal Methods	Empty containers may be recycled or sent to a commercial waste disposal site. Unused product should be suitable for landfill however contact the relevant local Waste Disposal Authority.
Special Precautions	Do not dispose into sewers or waterways.

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SECTION XIV Transport Information

UN Number	None allocated.
UN Shipping Name	None allocated.
ADG Class	None allocated
Packing Group	None allocated.
Special Precautions	None allocated.
Hazchem Code	None allocated

SECTION XV Regulatory Information

Poisons Schedule	S4

SECTION XVI Other Information

Date	This MSDS has been reviewed and updated as required in May 2009.

Key to Abbreviations

NOHSC: National Occupational Health and Safety Commission

ADG Class: Australian Dangerous Goods Class

CAS Number: Chemical Abstracts Service Number

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

UN: United Nations

Disclaimer

This Material Safety Data Sheet has been developed according to WORKSAFE Australia, NOHSC Guidelines.

Hazard Classifications have been determined in consultation with the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]. However, to the best of our knowledge, the finished product is unlikely to cause harm to humans handling, administering and dispensing as per label instructions.

The data, information and recommendations herein are represented in good faith and are believed to be correct as of the date hereof.

The purpose of this Material Safety Data Sheet is to describe products in terms of their safety requirements.

Apex Laboratories Pty Ltd make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability prior to use of the product.

The physical data shown herein are typical values based on material tested. These values should not be construed as guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots hereof.

Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with relevant Federal, State and Local Government Regulations.

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