

MATERIAL SAFETY DATA SHEET CONQUEST AVALANCHE 750 WG HERBICIDE

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Date of issue: 25th January 2011

Section 1 – IDENTIFICATION

Product Name: Conquest Avalanche 750 WG Herbicide
Shipping Name: Conquest Avalanche 750 WG Herbicide, Solid Granules, Toxic
UN Number: None allocated
ADG Classification: None allocated. Not a Dangerous Good for transport by road and rail.
Active Ingredient: Metribuzin
Product Type: Water dispersible granules

Section 2 – HAZARDS IDENTIFICATION

NOHSC Classification: Hazardous
Hazchem Code: 2Z
Risk Phrases: Non Allocated
Poison Schedule: S5
Safety Phrase: S13 Keep away from food, drink and animal feeding stuff.
S2 Keep out of reach of children.

Section 3 – COMPOSITION

Chemical Entity	CAS No.	Proportion
Metribuzin	21087-64-9	750 g/kg
Other ingredients (non hazardous)	Proprietary	Balance

Section 4 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Description & colour: White to beige powder
Odour: none
Boiling Point: N/A
Freezing/Melting Point: N/A
Volatile Components: N/A
Vapour Pressure: N/A
Specific Gravity: 0.5 at 20°C (bulk density)
Flash Point: N/A
Water Solubility: Water dispersant granules
Autoignition temp: No data
Flammability: Non combustible material

Section 5 – FIRST AID MEASURES

General Instruction: Consult 'The Poisons Information Centre' (Australia Phone: 13 11 26) or a Doctor in every case of suspected chemical poisoning.

Inhalation: Over exposure by inhalation is improbable. Check for other causes of observed symptoms and seek medical advice. Move person to fresh air, if effects occur call a Doctor.

Skin Contact: Take off contaminated clothing. Wash skin thoroughly with soap and water. Seek medical advice if irritation or an allergic reaction occurs.

Eye Contact: Quickly and gently blot or brush product away. Flush the contaminated eye(s) with lukewarm, gently flowing water until the product is removed or until irritation has ceased, while holding the eyelid(s) open. Remove contact lenses. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

Ingestion: If swallowed, call the Poisons Information Centre or a Doctor. Give 2 glasses of water and induce vomiting

Advice to Doctor: Treat symptomatically.

Section 6 – FIRE FIGHTING MEASURE

Flammability Class: Non-Flammable

Polymerisation: Not known to occur

Hazardous Combustion Product: If involved in a major fire, could emit oxides of carbon, nitrogen and possible hydrogen chloride. Take appropriate protective measures. Breathable air apparatus may have to be worn if material is involved in fire especially in confined space.

Special Fire Fighting Procedures: Evacuate personnel to a safe area. If the product is on fire wear positive-pressure self-contained breathing apparatus and full protective clothing.

Extinguishing Media: If involved in fire, product will not burn. Choose extinguishing media to suit the burning material. Water, foam, carbon dioxide or dry chemicals are suitable media.

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Autoignition temperature: No data.

Section 7 – ACCIDENTAL RELEASE MEASURES

General Instructions: **Wear appropriate protective equipment. Clear area of all unprotected personnel. Prevent entry of chemical or used/damaged containers into sewers, drains, streams or waterways. If necessary, inform the police and the relevant State Authority.**

Spill: Recover the product by sweeping up or vacuuming without raising dust. Collect spilled material and waste in sealable open-top type containers for disposal.

Section 8 – HANDLING AND STORAGE

Handling: After work, remove protective clothing, and wash hands before eating, smoking, drinking or using the toilet. Clean up spilled material immediately, and wash clothes, equipment and work area after use. Avoid breathing spray mist or vapours. Avoid splashes of material to the eye and skin.

Storage: Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Do not store with food, feedstuff, fertilisers and seeds.

Section 9 – EXPOSURE CONTROL AND PERSONAL PROTECTION

General Instructions: The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Exposure limits: Exposure limits have not been established by NOHSC for any of the significant ingredients in this product.

Ventilation: Use only with adequate ventilation. Provide general and/ or local exhaust ventilation to control airborne levels below the exposure guidelines. Make sure that the work environment remains clean and that vapours and mists are minimised.

Eye Protection: Eye protection such as protective glasses or goggles are required when this product is being used.

Skin Protection: Use protective clothing. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse.

Respirator: Atmospheric levels should be maintained below the exposure guidelines. Refer to the Australian Standards approved air-purifying or positive pressure supplied air respirators whenever respiratory protection is required.

Section 10 – STABILITY AND REACTIVITY

Chemical Reactivity:	This product is stable under normal storage condition and unlikely to react or decompose under normal storage conditions.
Incompatibilities:	Strong oxidising agents.
Polymerisation:	This product is unlikely to undergo hazardous polymerisation processes.

Section 11 – TOXICOLOGICAL INFORMATION

General Information:	No harmful effects are expected if the precautions on the label and MSDS are followed.
Inhalation:	Avoid breathing. May cause irritation to mucous membrane and respiratory tract.
Ingestion:	The product is of low toxicity if swallowed. Amounts swallowed incidental to normal handling procedures and use are not expected to cause injury. Possible symptoms of exposure are nausea, vomiting and headache.
Skin:	Prolonged contact with the concentrate may cause irritation.
Eye:	The product may cause irritation to the eyes unless washed off immediately.
Chronic Effects:	No information available.
Acute Toxicity:	Oral: LD50 (rat) 2800 mg/kg

Section 12 – POTENTIAL HEALTH EFFECTS

Inhalation:	Short term exposure: Significant inhalation exposure is considered to be unlikely if used in proper manner as suggested in the label. However, available data indicates that this product is harmless.. Long Term exposure: Prolong inhalation may have health effects.
Skin Contact:	Short term exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use if used in proper manner as suggested in the label. Long Term exposure: The product may be irritating on prolonged exposure., but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.
Eye Contact:	Short term exposure: Exposure via eyes is considered to be unlikely. This product is believed to be mildly irritating, to eyes, but is unlikely to cause anything more than mild transient discomfort. Long Term exposure: The concentrate can be harmful to the eyes on long term exposure.
Ingestion:	Short term exposure: Significant oral exposure is considered to be unlikely. Long Term exposure: May cause nausea, vomiting and headache on long term exposure.
Carcinogen Status:	NOHSC: No significant ingredient is classified as carcinogenic by NOHSC. NTP: No significant ingredient is classified as carcinogenic by NTP. IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 13 – ECOLOGICAL INFORMATION

Effects on birds:	Do not appear to pose any threat to birds.
Effects on aquatic organisms:	Not toxic to fish and other aquatic organisms.
Effects on other organisms:	The compound is not toxic to bees.
Other Information:	Do not spray in high winds. Do not contaminate dams, waterways or sewers with this product. Slowly hydrolyses in water at neutral pH.

Section 14 – REGULATORY INFORMATION

APVMA Approval:	Conquest Avalanche 750 WG Herbicide is a registered herbicide under the Agricultural and Veterinary Chemicals Code Act 1994. APVMA Approval Number: 59030.
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Section 15 – DISPOSAL CONSIDERATION

Disposal (Product):	On site disposal of the concentrated product is not acceptable. Ideally the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authority who hold periodic collections of unwanted chemicals (ChemCollect).
Disposal (Containers):	Triple rinse containers, add rinsate to the spray tank, then dispose of the containers in landfill in accordance with local regulations. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

Section 16 – TRANSPORT INFORMATION

UN Number:	Non Allocated
Shipping Name:	Non Allocated
ADG Code:	Non Allocated
Hazchem Code:	2Z
Packing Group:	Non Allocated
Storage and Transport:	Considered non-dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
General Information:	It is good practice to separate this product from food, food related materials, animal feedstuffs, seed or fertilisers during transport.

Section 17 – OTHER INFORMATION

General Information:	This MSDS contains only safety-related information. For other data see product literature.	
Acronyms:	ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
	AICS	Australian Inventory of Chemical Substances
	CAS number	Chemical Abstracts Service Registry Number
	Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
	IARC	International Agency for Research on Cancer
	NOHSC	National Occupational Health and Safety Commission
	NTP	National Toxicology Program (USA)
	R-Phrase	Risk Phrase
	SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
Comments:	<p>THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.</p> <p>Please read all labels carefully before using product. This MSDS is prepared in accord with the NOHSC document “National Code of Practice for the Preparation of Material Safety Data Sheets” 2nd Edition [NOHSC:2011(2003)]</p>	