

MATERIAL SAFETY DATA SHEET**CONQUEST AMSUL 417 LIQUID HERBICIDE ADJUVANT**

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Date of issue: 25 January 2011

Section 1 – IDENTIFICATION

Product Name: Conquest Amsul 417 Liquid Herbicide Adjuvant
Shipping Name: Conquest Amsul 417 Liquid Herbicide Adjuvant, Liquid, Toxic
UN Number: None allocated
ADG Classification: None allocated. Not a Dangerous Good
Active Ingredient: Ammonium Sulphate
Product Type: Soluble Flowable Powder

Section 2 – HAZARDS IDENTIFICATION

NOHSC Classification: Non Allocated
Hazchem Code: Non Allocated
Risk Phrases: Non Allocated
Poison Schedule: Non Allocated
Safety Phrase: Non Allocated

Section 3 – COMPOSITION

Chemical Entity	CAS No.	Proportion
Ammonium Sulphate powder	7783-20-2	417 g/kg minimum
Water		to 100%

Section 4 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Description & colour: Clear Liquid.
Odour: Odourless
Boiling Point: >100°C
Freezing/Melting Point: <0°C
Volatile Components: N/A
Vapour Pressure: N/A
Specific Gravity: 1.20 at 20°C
Flash Point: N/A
Water Solubility: Soluble in water
Autoignition temp: No data

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. First aid is normally not required.

Inhalation: 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.

Section 6 – FIRE FIGHTING MEASURE

Flammability Class:	Non-Flammable
Polymerisation:	Not known to occur
Hazardous Combustion Product:	During a fire, smoke may contain the original material in addition to combustion products of varying composition that may be toxic and/ or irritating. May emit toxic fumes of ammonia and oxides of nitrogen and sulphur.
Special Fire Fighting Procedures:	Evacuate personnel to a safe area.
Extinguishing Media:	If involved in fire, product will not burn. Choose extinguishing media to suit the burning material.
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.
Small Spill:	For clean up of a spill from a single shipping pack, wash the area with detergent and water.
Large Spill:	After spills, wash area preventing runoff from entering drains.

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 preferably with adequate ventilation.
Eye Protection:	Eye protection such as protective glasses or goggles are recommended 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.

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 acids, strong bases, strong oxidising agents.
Polymerisation:	This product is unlikely to undergo polymerisation processes.

Section 11 – TOXICOLOGICAL INFORMATION

General Information:	No harmful effects are expected if the precautions on the label and MSDS are followed.
Inhalation:	A moderate hazard exists from inhalation.
Ingestion:	The concentrate is not harmful if swallowed. However, ingestion may result in gastric disturbances and nausea..
Skin:	Not harmful.
Eye:	The concentrate may cause irritation to the eyes unless washed off immediately. It is unlikely to cause any thing more than mild transient discomfort.
Acute Toxicity:	Oral: LD50 (rat) 3600 mg/kg for Ammonium sulphate

Section 12 – ECOLOGICAL INFORMATION

Effects on birds:	Do not appear to pose any threat to birds.
Effects on aquatic organisms:	Do not appear to pose any threat to fish or aquatic organisms.
Effects on other organisms:	The compound is non toxic to bees.

Section 13 – REGULATORY INFORMATION

APVMA Approval:	Conquest Amsul 417 Liquid Herbicide Adjuvant is a registered herbicide adjuvant under the Agricultural and Veterinary Chemicals Code Act 1994. APVMA Approval Number: 55515.
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Section 14 – 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 and add rinsate to the spray tank, and then discard the container.

Section 15 – TRANSPORT INFORMATION

UN Number:	Non Allocated
Shipping Name:	Non Allocated
ADG Code:	Non Allocated
Hazchem Code:	Non Allocated
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.

Section 16 – 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:	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.

NOHSC

Please read all labels carefully before using product. This MSDS is prepared in accord with the document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]