

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Conquest Knockout Dry 700 SG Herbicide

Chemical nature: Soluble granule of herbicide ingredients present as their salts.
Use: A non-selective herbicide for the control of many annual and perennial weeds in certain situations as are indicated in the directions for use
Company: Conquest Crop Protection Pty Ltd.
Address: Level 1, 4 Collingwood Street, Osborne Park WA 6017
Telephone Number: 08 9347 0500 **Fax Number:** 08 9347 0551
Emergency Telephone Number: 1800 033 111 (All hours - Australia wide).

SECTION 2 HAZARDS IDENTIFICATION

NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.
Not classified as hazardous according to the criteria of Safe Work Australia

Hazards - Risk
Phrases - Safety
Phrases -

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion
Glyphosate (present as the mono- ammonium salt)	40465-66-5	70%
Ingredients deemed not to be hazardous	Proprietary	30%

SECTION 4 FIRST AID MEASURES

Inhalation If inhaled remove victim to fresh air.
Ingestion If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms persist.
Skin If skin or hair contact occurs, immediately remove contaminated clothing and wash skin and hair thoroughly. Seek medical attention if symptoms persist.
Eyes If in eyes, hold eyelids apart and flush the eye continuously with large amounts of water for at least 15 minutes. Seek medical attention if symptoms persist.

SECTION 5 FIRE FIGHTING MEASURES

For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.

Suitable Extinguishing Media	Carbon dioxide, dry chemical, foam or water fog.
Hazardous Combustion Products	Oxides of carbon, nitrogen or phosphorus
Firefighting Equipment	Wear a Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards	Not a fire or explosion hazard.
Hazchem Code	Not allocated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spills	In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. Stop leak if safe to do so, and contain spill. Recover the product by sweeping up or vacuuming without raising dust. Collect in sealed open top containers for disposal.
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SECTION 7 HANDLING AND STORAGE

Handling	Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Observe good personal hygiene, including washing hands before eating. Provide adequate ventilation.
Storage	Store in the closed, original container in a dry, well ventilated area. Do not store for prolonged periods in direct sunlight.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards (Safe Work Australia)	Dust: TWA: -ppm / 10mg/m ³ STEL: - ppm / - mg/m ³
Engineering Controls	No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.
Respiratory Protection	Dust mask in case of dust build up. See Australian Standards AS/NZS 1715 and 1716 for more information.
Eye Protection	Wear safety glasses with side shields or goggles. See Australian Standards AS 1336 and AS/NZS 1337 for more information.
Skin Protection	Wear protective gloves and protective clothing appropriate for the risk of exposure. See Australian Standards AS 2161 and 2919 and AS/NZS 2210 for more information.
Hygienic Practices	Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale beige granules
Odour	Negligible
Solubility in water	Soluble (1450g/L @ 20°C) Boiling
Point	No information available. Melting Point
>190°C	
Vapour Pressure	Negligible at room temperature Vapour
Density (Air = 1)	Negligible at room temperature Specific
Gravity (H₂O=1)	0.6g/mL (bulk density)
Flash Point (closed cup)	None
Flammable Limit – Lower	Not applicable
Flammable Limit – Upper	Not applicable

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Incompatible Materials	Strong acids, bases and strong oxidizing agents.
Hazardous Decomposition Products	Oxides of nitrogen and phosphorus.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	No information available.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity	Glyphosate Acute oral LD ₅₀ (rat) > 5600 mg/kg Acute dermal LD ₅₀ (rabbit) >5000mg/kg Reproductive Effects: No reproductive toxicity. Teratogenic Effects: No evidence of teratogenic effects. Mutagenic Effects: No evidence of mutagenic effects. Carcinogenic Effects: No evidence of carcinogenic effects.
Routes of Exposure	Inhalation, ingestion, eye and skin
Acute Health Effects	Inhalation: Ingestion: Eye: Ingestion: No health effects anticipated. Eye: May cause mild irritation. Skin: No health effects anticipated.
Chronic Health Effects	No information available.
Existing Conditions	No information available.
Aggravated by Exposure	This product does NOT contain any IARC listed chemicals.
Carcinogenicity	

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	Birds: Glyphosate is slightly toxic to birds. Oral LD ₅₀ (Bob-white quail) =4500 mg/kg Oral LD ₅₀ (Mallard duck) =4500 mg/kg Aquatic Organisms: Technical glyphosate acid is slightly toxic to aquatic invertebrates. LC50 96hr (Rainbow trout) = 86 mg/L LC50 96hr (Bluegill sunfish) = 120 mg/L LC50 48hr (Daphnia) = 780 mg/L
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Mobility Glyphosate is non-toxic to honeybees.
Glyphosate is moderately persistent in soil, with an estimated average half-life of 47 days. Adsorption studies indicate that glyphosate has very low mobility.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and containers Instructions concerning the disposal of this product and its containers are given on the product label.

Special precautions for landfill or incineration Dispose according to applicable local and state government regulations.
Please consult your state Land Waste Management Authority for more information

SECTION 14 TRANSPORT INFORMATION

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail.

UN Number Not applicable
Proper Shipping Name Not applicable
Dangerous Goods Class Not applicable
Hazchem Code Not applicable
Packing Group Not applicable
Special Precautions Not applicable

SECTION 15 REGULATORY INFORMATION

No additional information.

SUSDP Classification: S5

SECTION 16 OTHER INFORMATION

Issue Date: 9 June 2014. Valid for 5 years. (First issue).

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 (7th edition)
AICS Australian Inventory of Chemical Substances
SWA Safe Work Australia, formerly ASCC and NOHSC
CAS number Chemical Abstracts Service Registry Number
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC International Agency for Research on Cancer
NOS Not otherwise specified
NTP National Toxicology Program (USA)
R-Phrase Risk Phrase
SUSMP Standard for the Uniform Scheduling of Medicines & Poisons
UN Number United Nations Number

If ineffective: Dial Poisons Information Centre (13 1126 from anywhere in Australia)

This SDS 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 should read this SDS and consider

the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

End of MSDS