



Section 1: Identification: Product identifier and chemical identity

Product Identifier:	IMAGE 700
Active Constituent:	700 g/kg IMAZETHAPYR
Other Means of Identification:	Agricultural Herbicide. WG HERBICIDE Grow Choice product code number: 370 2 AVPMA registered number: 65800
Recommended Use:	For the pre-or post-emergence control of certain weeds in Centrosema (Cavalcade), chickpeas, faba beans, field peas, lucerne, mung beans, peanuts, serradella, soybeans and subterranean clover as per the Directions For Use table.
Details of manufacturer or importer:	Grow Choice Pty Ltd ABN 36 161 264 884
Address:	113 Fitzroy Street TAMWORTH NSW 2340 AUSTRALIA
Website:	www.growchoice.com.au
Phone Number & Email:	(02) 6766 3979 - admin@growchoice.com.au
Emergency Phone Number:	In Case Of Emergency Dial 000
Poisons Information Centre:	Phone: 13 11 26 and speak to a Poisons Information Specialist. Fax: +61 2 9845 3597 http://www.chw.edu.au/poisons/contact.htm

Section 2: Hazards identification (cont. page 2)

Classified as HAZARDOUS in accordance with the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004) 3rd Edition and the Globally Harmonized System of Classification and Labelling of Chemicals (the GHS).	
Considered non-dangerous for road and rail transport by the Australian Code for the Transport of Dangerous Goods Road and Rail (August 2014 edition)	
Considered non-dangerous for transport by sea and air in accordance with the IMDG Code 37-14 (refer Section 14)	
SUSMP Classification: S5	
Classification of the hazardous chemical:	Eye Damage/Irritation: Category 1 Skin Corrosion/Irritation: Category 2
GHS Symbol:	Corrosion Exclamation Mark
	 
Signal code and word:	Warning
Precautionary Statements (General):	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.
Hazard Statements:	H315: Causes skin irritation. H319: Causes serious eye irritation.
Prevention Statements:	P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash hands thoroughly after handling.
Response Statements:	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice. P337+P313: If eye irritation persists: Get medical advice. P302+P352: If on skin: Wash with plenty of water. P362+P364: Take off contaminated clothing and wash before reuse.

Storage:	Refer to Section 7
Disposal:	P501: Dispose of contents and container in accordance with local, regional and national regulations.
Other Information:	Poisons Schedule S5

Section 3: Composition and information on ingredients

Chemical ingredients: CAS number and other unique identifiers: Concentration of ingredients		
Component	CAS No	Proportion
Imazethapyr	81335-77-5	700 g/kg

Section 4: First aid measures

In Case Of Emergency Dial 000 and/or Poisons Information Centre: Phone: 13 11 26 and speak to a Poisons Information Specialist. Take this SDS and or DFU/Label with you or when calling the Poisons Information Centre.

Swallow:	If swallowed, DO NOT induce vomiting. Rinse mouth out with water if patient is conscious. Seek urgent medical attention.
Eye:	If product gets in eyes, remove contact lenses if wearing and wash it out immediately with water for several minutes. Seek medical attention.
Skin:	Remove contaminated clothing and wash affected areas thoroughly with soap and water. Seek medical attention if concerned.
Inhaled:	Move affected person to fresh air and keep at rest until recovered. If inhaled remove to fresh air and keep at rest. Obtain medical advice if at all worried. If not breathing give artificial respiration and get medical attention as soon as possible.
Symptoms Caused by Exposure:	<p>Inhalation: Dust may cause mild respiratory irritation.</p> <p>Skin Contact: Causes skin irritation, itchiness and redness.</p> <p>Eye Contact: Causes serious eye irritation, redness, stinging and tearing. Prolonged exposure or delayed treatment may cause permanent eye damage.</p> <p>Ingestion: May be irritating to mucous membranes</p>
Medical Attention and Special Treatment:	In Case Of Emergency Dial 000 and/or Poisons Information Centre: Phone: 13 11 26 and speak to a Poisons Information Specialist with a copy of this SDS or chemical Label.

Section 5: Fire fighting measures

Suitable Extinguishing Media:	Water fog, foam, dry chemical or carbon dioxide. Do not use full water jet, as it will scatter the material.
Specific hazards from arising from the chemical:	Hazardous combustion products include oxides of carbon, nitrogen, nitrogen oxides, other nitrogen compounds, hydrogen cyanide, smoke and water. This product is not flammable. However, clouds of dust may form an explosive or flammable mixture with air.
Special Protective Equipment and Precautions for Fire Fighters:	When fighting a major fire wear self-contained breathing apparatus and protective equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:	In case of spillage it is important to take all steps necessary to: Instruct and ensure all bystanders to keep away from and upwind of spill/leak. Avoid eye and skin contact; Do not breathe dust; Avoid contamination of waterways; Ensure adequate ventilation. Refer to Section 8 for Personal Protection Equipment (PPE).
Environmental precautions:	Avoid contamination of waterways.
Methods for containment and cleaning up:	Reposition any leaking containers so as to minimise leakage. Dam and absorb spill with an absorbent material (e.g. sand or soil) or proprietary absorbent such as vermiculite. Shovel the absorbed spill into drums. Collect in a suitable, closed container to dispose and clean the spilled area with water.

Section 7: Handling and storage

Precautions for safe handling:	Safe work practices are recommended. Avoid contact with eyes and skin. When opening the container and preparing spray wear appropriate PPE (refer Section 8). Do not spray under high wind conditions. Hygiene measures: When using products, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly with soap and water after use and before eating, drinking, smoking/using tobacco, chewing gum, using the toilet or applying cosmetics. After each day's use, wash gloves, face shield or goggles and contaminated clothing. Avoid contact with eyes and skin.
Conditions for safe storage, including incompatibilities:	Keep out of reach of children, unauthorised persons and animals. Store in tightly sealed original containers in a dry secure place away from fertilizers, feed and food. Store out of direct sunlight and extreme temperature. Always read the label and any attached leaflet before use.

Section 8: Exposure controls and personal protection (cont. page 4)

Control parameters – exposure standards, biological monitoring:	Ensure adequate ventilation of the working area.
Appropriate engineering controls:	Control process conditions to avoid contact. Use in a well-ventilated area only. Use local exhaust ventilation to keep exposure levels below the exposure limits above. Keep stored in original container in a cool, well ventilated area, keeping the lid closed at all-times whilst in storage.
Personal protective equipment (PPE):	When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC chemical resistant and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and, optional once chemical is prepared for use, elbow length PVC chemical resistant and face shield or goggles if protected from spray drift/contamination. Face and Eye Protection: Face shield or goggles. Clothing: Cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat. Gloves: Elbow-length chemical resistant PVC gloves.

Respiratory: If airborne concentrations are likely to exceed the exposure standards above or if exposed to dust, an AS/NZS 1715/1716 approved respirator should be worn.

Recommended to use Australian and New Zealand Standard PPE:

Overalls: AS 3765, Clothing for protection against Hazardous chemicals

Gloves: AS/NZS 2161, Industrial safety gloves and mittens (not electrical and medical gloves)

Goggles and face shield: AS/NZS 1337, Eye protectors for industrial applications.

Footwear: AS/NZS 2210, Occupational protective footwear

Respirators: AS/NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices

AS/NZS 1716, Respiratory Protective Devices

Requirements concerning special training:

Check State and/or Territory regulations that require people who use pesticides in their job or business to have adequate training in the application of the materials.

Section 9: Physical and chemical properties

Appearance:	Granulate form, tan in colour	Boiling Point:	No data available
Odour:	Faint rubbery odour	pH:	No data available
Flash Point:	No data available	Evaporation Rate:	No data available
Relative Density:	No data available	Behaviour in water:	Dispersible
Vapour Pressure:	Negligible at normal ambient temperatures	Auto ignition temp:	No data available
Decomposition temp:	No data available	Melting Point:	~170 °C (imazethapyr)
Flammability:	Not flammable	Viscosity:	No data available
Solubility in water:	No data available		

Section 10: Stability and reactivity

Chemical stability:	Product is considered stable under normal conditions and storage.
Conditions to avoid:	Direct sunlight. Keep away from strong oxidising agents as product may react violently.
Incompatible materials and possible hazardous reactions:	Strong acids and bases. Hazardous polymerization is not possible.
Hazardous decomposition products:	Oxides of carbon, nitrogen, nitrogen oxides, other nitrogen compounds, hydrogen cyanide, smoke and water.

Section 11: Toxicological information (cont. page 5)

Values Relevant for Classification:	81335-77-5 Imazethapyr
Oral toxicity:	LD >5000 mg/kg (rat)
Dermal toxicity:	LD >2000 mg/kg (rabbit)
Inhalation toxicity:	LC 3.27 mg/L (rat)
Inhalation:	Dust may cause mild respiratory irritation.
Ingestion:	May be irritating to mucous membranes.
Skin:	Causes skin irritation, itchiness and redness.
Eye:	Causes serious eye irritation, redness, stinging and tearing.

Chronic Effects:	Prolonged exposure or delayed treatment may cause permanent eye damage.
Reproductive:	Based on classification principles, the classification criteria are not met.
Mutagenicity:	Based on classification principles, the classification criteria are not met.
Carcinogenicity:	This product does NOT contain any IARC listed chemicals.
Acute Toxicity – Oral:	Specific Target Organ Toxicity (STOT) - Single Exposure: Based on classification principles, the classification criteria are not met.
Acute Toxicity – Dermal:	Specific Target Organ Toxicity (STOT) - Single Exposure: Based on classification principles, the classification criteria are not met.
Acute Toxicity – Inhalation:	Specific Target Organ Toxicity (STOT) - Single Exposure: Based on classification principles, the classification criteria are not met.
Eye Irritation:	Causes serious eye irritation.
Skin Irritation:	Causes skin irritation.
Skin Sensitisation:	Based on classification principles, the classification criteria are not met.
Data limitations:	The Australian Acceptable Daily Intake (ADI) for imazethapyr for a human is 2.8 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 276 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Health and Ageing Office of Chemical Safety, 'ADI List', June 2014).

Section 12: Ecological information

Known Harmful Effects on the Environment	
Eco toxicity:	Bees: LD50>100 µg/bee. Non-toxic to birds.
Aquatic toxicity:	The product is not harmful to aquatic life.
Persistence and degradability:	No information available.
Bio accumulative Potential:	No information available
Mobility in Soil:	The product weakly adsorbs to soil particles and is not expected to leach.
Other adverse effects:	No information available.

Section 13: Disposal considerations

Product Disposal:	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 authorities who hold periodic collections of unwanted chemicals (ChemClear®).
Container Disposal:	Do not use this container for any other purpose. Triple rinse containers; add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non-returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, puncture or shred and bury containers in local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

Section 14: Transport information

General Transport Information:	It is considered good practice not to transport agricultural chemical products with food, food related materials and animal feed products.
Land:	Considered non-dangerous for road and rail transport by the Australian Code for the Transport of Dangerous Goods Road and Rail (August 2014 edition).
Sea and Air:	Considered non-dangerous for transport by sea and air in accordance with the IMDG Code 37-14.

Section 15: Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 5	
Registration status: Registered	APVMA approval: 65800

Section 16: Any other relevant information

Date of preparation or last revision: This Safety Data Sheet (SDS) was completed 14 January 2022 and replaces SDS dated 19 January 2017.

Acronyms:

AVPMA: Australian Pesticides and Veterinary Medicines Authority.

GHS: Globally Harmonised system of Classification and Labelling of chemicals

HSIS: Hazardous Substances Information System

NOHSC: National Occupational Health and Safety Commission

CAS No.: unique numerical identifier assigned by Chemical Abstracts Service (division of the American Chemical Society)

TWA: Exposure Standard - time weighted average

STEL: Exposure standard - short term exposure limit.

mg/m³: Milligrams of substance per cubic metre of air at 25°C and one atmosphere pressure. The value is exact.

AS/NZS: Australian Standards and New Zealand Standards for Personal protective equipment

ADI: Acceptable Daily Intakes For Agricultural And Veterinary Chemicals

ADG: Australian Dangerous Goods

IMDG: International Maritime Code of Dangerous Goods

IATA: International Air Transport Association

END OF SDS

Source of Data: The information provided in this SDS is sourced from Grow Choice studies which have been conducted according to Regulatory requirements including OECD and CIPAC Guidelines and EC Directives. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

Note: This product is a registered agricultural chemical and must, therefore, be used in accordance with the container label directions

CONTACT POINT: Grow Choice Pty Ltd
(02) 6766 3979
24 HOURS EMERGENCY CONTACT: 1800 033 111

This Material Safety Data Sheet 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.

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Grow Choice's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Grow Choice shall have no liability.