



### SECTION 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

<b>Product Identifier</b>	<b>PROMPT 750 WG HERBICIDE</b>
<b>Active Constituent</b>	<b>750 g/L TRIBENURON-METHYL</b>
<b>Other means of Identification</b>	<b>GROUP B HERBICIDE</b> AVPMA registered number: <b>81740</b>
<b>Recommended use of the chemical and restrictions on due</b>	For the control of certain broadleaf weeds in fallows and pre-crop situations.
<b>Suppliers name, address and phone number:</b>	Grow Choice Pty Ltd 113 Fitzroy Street   TAMWORTH NSW 2340 Phone: 02 6766 3979 1800 817 676 Fax: 02 6766 2922   Email: admin@growchoice.com.au
<b>Emergency phone number:</b>	In Case Of Emergency Dial 000
<b>Poisons Information Centre</b>	Phone: 13 11 26 and speak to a Poisons Information Specialist. Fax: +61 2 9845 3597 <a href="http://www.chw.edu.au/poisons/contact.htm">http://www.chw.edu.au/poisons/contact.htm</a>

### SECTION 2: HAZARDS IDENTIFICATION (continued on 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 **DANGEROUS** for transport by sea and air in accordance with the IMDG Code 37-14

#### 2.1 Classification of the hazardous chemical

<b>Skin sensitisation</b>	<b>Category 1</b>
<b>Hazardous to aquatic environment (acute)</b>	<b>Category 1</b>
<b>Hazardous to aquatic environment (chronic)</b>	<b>Category 1</b>

#### 2.2 Label Elements

**Signal word**  
**GHS Symbols**

**WARNING**



Escalation Mark



Environment

**Hazard Statements**

**H317**

**May cause an allergic skin reaction.**

**H410**

**Very toxic to aquatic life with long lasting effects.**

## Precautionary Statements

General	P101	If medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children.
	P103	Read label before use
Prevention	P264	Wash hands, arms, face, neck and any exposed skin thoroughly after handling.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P280	Wear protective gloves, protective clothing and eye and/or face protection.
	P273	Avoid release to the environment.
Response	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P333+P313	If skin irritation or rash occurs, get medical attention/advice.
	P363	Wash contaminated clothing before reuse.
Storage	P391	Collect spillage.
	P403 +P235	Store in a well-ventilated place. Keep cool. Keep container tightly closed.
	+P233	Store locked up
Disposal	P405	Store locked up
	P501:	Dispose of contents and container in accordance with local, regional and national regulations.

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical ingredients:	Component	CAS No	Concentration %
	Tibenuron-methyl	1001200-48-0	75%w/w
CAS number and other unique identifiers:	Other ingredients, including water	(non hazardous)	balance
Concentration of ingredients:			

## SECTION 4: FIRST AID MEASURES (continued on page 3)

**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.**

### Inhalation:

If product is inhaled, remove person to fresh air. If not breathing, give artificial respiration. Seek medical attention if breathing problems develop.

### Skin Contact:

This product is classified as a potential sensitiser by skin contact. In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for at least 15 minutes. Seek medical attention if irritation persists or symptoms occur. Properly dispose of contaminated leather items, such as shoes, belts and watchbands.

### Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

### Ingestion:

If product swallowed in any form, do not induce vomiting. **SEEK URGENT MEDICAL ATTENTION, CALL THE POISON CENTRE.** Immediately rinse mouth with water. Give a glass of water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

### Symptoms Caused by Exposure:

Ingestion: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort..

Inhalation:	Product may be mildly irritating, although unlikely to cause anything more than transient discomfort .
Skin Contact:	Classified as a potential sensitiser by skin contact. Exposure to a skin sensitiser, once sensitisation has occurred, may manifest itself as skin rash or inflammation and in some individuals this reaction can be severe. In addition product may be irritating, but is unlikely to cause anything more than mild transient discomfort.
Eye Contact:	May cause slightly irritation. Symptoms may include stinging and reddening of eyes and watering which may become copious.

## SECTION 5: FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	In event of fire, use fire extinguishing methods are carbon dioxide, dry chemical, foam, water fog.
<b>Specific hazards arising from the chemical</b>	If involved in a fire, the dehydrated components may emit toxic fumes.
<b>Special protective equipment and precautions for fire fighters</b>	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away. If it can be done safely, remove intact containers from the fire. Otherwise, use water spray to cool them. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	In case of spillage it is important to take all steps necessary to: Avoid contact with the spilled material or contaminated surfaces. Extinguish or remove any sources of ignition. When dealing with spills do not eat, drink or smoke and wear protective clothing and equipment. Keep people and animals away. Prevent spilled material from entering drains or watercourses.
<b>Environmental precautions</b>	Do not allow to get into surface water, drains and ground water. If the product contaminates rivers and lakes or drains inform respective authorities. Reposition any leaking containers so as to minimise leakage. Dam and absorb spill with an absorbent material (eg sand or soil). Shovel the absorbed spill into drums
<b>Methods and materials for containment and cleaning up</b>	Contain spill and absorb with earth, sand, clay, or other absorbent material. Collect and store in properly labelled, sealed drums for safe disposal. Deal with all spillages immediately. ). Clean contaminated floors and objects thoroughly, observing environmental regulations If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.
<b>6.4 Reference to other sections</b>	<b>Information regarding safe handling see section 7.</b> <b>Information regarding personal protective equipment see section 8.</b> <b>Information regarding waste disposal, see section 13.</b>

## SECTION 7: HANDLING AND STORAGE (continued on page 4)

<b>Precautions for safe handling</b>	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. <b>Hygiene measures:</b> 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.
<b>Conditions for safe storage,</b>	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

**including any incompatibilities:** 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

**Appropriate engineering controls** No special requirements. Product is used outdoors  
Control process conditions to avoid contact. Use only in well-ventilated areas. If necessary, use local exhaust ventilation to keep airborne concentration below the exposure limits.

**Personal protective equipment (PPE):** When opening the container, 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 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:**

<b>Form:</b>	Solid, granular
<b>Colour:</b>	Light brown
<b>Odour:</b>	Mild sweet
<b>Odour Threshold</b>	No information available
<b>pH-Value:</b>	8.0 (10 g/l) (25 °C)
<b>Melting point/Melting range</b>	No information available
<b>Initial Boiling Point/Boiling Range</b>	No information available
<b>Flash Point</b>	Not applicable for this product
<b>Flammability</b>	Does not sustain combustion.
<b>Auto-ignition Temperature</b>	400 °C
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits: Upper and Lower</b>	Upper explosion limit: No information available. Lower explosion limit: 0.365 mg/m <sup>3</sup>
<b>Vapour Pressure at 20 °C</b>	No information available
<b>Bulk Density</b>	730 kg/m <sup>3</sup>
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate at 20 °C:</b>	No information available
<b>Solubility in Water</b>	Dispersible
<b>% Volatiles by Weight</b>	No information available

## SECTION 10: STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use and storage conditions.

**Chemical Stability:** This product is chemically stable under recommended conditions of storage, use and temperature.

**Conditions to Avoid:** Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

**Incompatible Materials:** strong acids, strong bases, strong oxidising agents.

**Hazardous Decomposition Products:** Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>). Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and compounds. Under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Oxides of sulphur (sulphur dioxide is a respiratory hazard) and other sulphur compounds. Most will have a foul odour. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

## SECTION 11: TOXICOLOGICAL INFORMATION (continued on page 6)

### Toxicity:

#### Acute toxicity

Oral: LD50/Rat: > 5,000 mg/kg  
Inhalation: Tribenuron methyl : LC50/4 h/Rat(dust/mist): > 6.0 mg/l Dermal  
Product : LD50/Rabbit: > 2,000 mg/kg

#### Skin corrosion/irritation

Product: Species: Rabbit. Result: No skin irritation

#### Serious eye damage/eye irritation

Product: Species: Rabbit. Result: No eye irritation

#### Respiratory or skin sensitisation

Product: Species: Guinea pig: Result: Did not cause sensitisation on laboratory animals.

#### Germ cell mutagenicity

Tribenuron methyl: Animal testing did not show any mutagenic effects.  
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

#### Carcinogenicity

Tribenuron methyl: Not classifiable as a human carcinogen.  
An increased incidence of tumours was observed in laboratory animals.  
Target(s): Mammary glands

#### Reproductive toxicity

Tribenuron methyl: No toxicity to reproduction  
Teratogenicity: Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity. Evidence suggests the substance is not a developmental toxin in animals.

#### Specific Target Organ Toxicity

Specific target organ toxicity - single exposure

Tribenuron methyl: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity - repeated exposure

Product: Refer to acute toxicity and/or repeated dose toxicity data for more information on target organs if applicable.

#### Aspiration hazard

Tribenuron methyl: No aspiration toxicity classification

#### Other

Tribenuron methyl: Repeated dose toxicity:

The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.

Oral - feed/Mouse 90 d

NOAEL: 500 mg/kg

Reduced body weight gain

Oral/Rat 28 d

#### **Additional toxicological information:**

The Australian Acceptable Daily Intake (ADI) for tribenuron-methyl for a human is 0.01 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 0.95 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**

#### **Ecotoxicity effects**

##### **Acute and prolonged toxicity to fish**

Product: LC50/96 h/Oncorhynchus mykiss (rainbow trout): 260 mg/l

LC50/96 h/Lepomis macrochirus (Bluegill sunfish): 340 mg/l

##### **Toxicity to aquatic plants**

Product: EbC50/72 h/Pseudokirchneriella subcapitata (green algae): 0.06 mg/l

EC50/336 h/Lemna gibba (duckweed): 0.029 mg/l

##### **Acute toxicity to aquatic invertebrates**

Product: EC50/48 h/Daphnia magna (Water flea): > 1,000 mg/l

##### **Chronic toxicity to fish**

Product: NOEC/21 d/Oncorhynchus mykiss (rainbow trout): > 560 mg/l

##### **Chronic toxicity to aquatic invertebrates**

Product: NOEC/21 d/Daphnia magna (Water flea): 120 mg/l

##### **Persistence and degradability**

Product: Not readily biodegradable. Estimation based on data obtained on active ingredient.

**Bioaccumulation:** Does not bio accumulate. Estimation based on data obtained on active ingredient.

**Mobility in soil:** No information available.

**Other adverse effects:** No information available.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **Disposal of 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 authorities who hold periodic collections of unwanted chemicals (ChemClear®).

#### **Disposal of Container**

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 (continued on page 7)**

#### **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 **DANGEROUS** for road and rail transport by the Australian Code for the Transport of Dangerous Goods Road and Rail (August 2014 edition).

UN number: 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S  
Class: 9  
Packing group: III  
Hazchem Code: 2Z

#### Sea and Air

Considered **DANGEROUS** for transport by sea and air in accordance with the IMDG Code 37-14

#### IMDG

UN number: 3077  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Tribenuron methyl)  
Class: 9  
Packing group: III  
Marine pollutant: yes

#### IATA

UN number: 3077  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Tribenuron methyl)  
Class: 9  
Packing group: III

#### For Noting and Attention:

Not dangerous goods under ADG code when being transported in IBCs or other for transportation receptacles < 500 kg (Special Provision AU01). Marine Pollutants in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code and IATA special provision A197.

### SECTION 15: REGULATORY INFORMATION

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

**Poisons Schedule: 5**

### SECTION 16: OTHER INFORMATION

Review: This SDS was reviewed on 5 February 2017. First edition.

#### 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)  
STEL Exposure standard - short term exposure limit.  
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

#### DISCLAIMER:

This SAFETY DATA SHEET has been developed according to the Work Health and Safety Regulations (WHS Regulations) Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals December 2011. The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof. The purpose of this SAFETY DATA SHEET is to describe product in terms of their safety requirements. Grow Choice Pty Ltd makes no representation of merchantability, fitness for a particular purpose of 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 for their purpose prior to the use of the product. The physical data shown herein are typical values based on the material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

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.