

MATERIAL SAFETY DATA SHEET**AGRICROP LANTANA 600 HERBICIDE****1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY**

Product Name: Agricrop LANTANA 600 Herbicide
Supplier: Agricrop Pty Ltd
ABN: 84 100 473 309
Street Address: 1569 Wynnum Road
Tingalpa, Queensland 4173
Telephone: 07 3348 4113
Facsimile: 07 3348 2702
Emergency Telephone Number: 1800 033 111 (all Hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Uses: For the integrated control of all varieties of Lantana, Sicklepod, Wild Verbena, Phyla Weed (Lippia, Condamine Couch), Scotch/Spear Thistle, Harrisia Cactus, Smart Weed and Galvanised Burr as per the Directions for Use.

Appearance & Odour: Brown liquid with faint phenolic odour

Chemical entity CAS No Proportion

Dichlorprop (present as potassium salt)	120-36-5	600 g/L
Water		to 100%

3. HAZARD IDENTIFICATION

Classified as hazardous according to criteria of Worksafe Australia.

Risk Phrases:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrases:

S2 Keep out of reach of children.

S13 Keep away from food, drink and animal feeding stuffs.

Poison Schedule (Aust)/Toxic Substance (NZ): S6

4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

First Aid:

Ingestion: If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26. Make every effort to prevent vomit from entering the lungs by careful placement of the patient.

Eye Contact: Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.

Skin Contact: Remove contaminated clothing and launder before re-use. Wash affected areas thoroughly with soap and water.

Inhalation: Remove to fresh air until recovered.

Notes to physician: Treat symptomatically.

MATERIAL SAFETY DATA SHEET

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Unusual fire & Explosion Hazard: May emit toxic fumes of hydrogen chloride or phosgene if involved in fires or exposed to extreme heat. Breathable air apparatus should be worn in confined spaces. Stay upwind. Will not burn but drums should be kept cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Contain spill and absorb with sand or proprietary absorbent (vermiculite). Prevent from entering drains or waterways or sewers. Collect in sealed open top containers for disposal.

Triple rinse containers, add rinsate to the spray tank, then offer container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in a landfill in accordance with local regulations.

Onsite disposal of concentrate is not acceptable.

7. HANDLING AND STORAGE

Store in original container, tightly sealed, in a safe place away from seeds, fungicidal and insecticidal sprays or fertilisers so that cross contamination cannot occur.

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Packaging and Labelling:**

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

The product has been assessed according to the Worksafe criteria for classifying hazardous substances and is classified as hazardous:

Exposure Standards: No exposure standards have been set for this product.

Engineering Controls: Natural ventilation only.

Personal Protection:

Avoid contact with eyes and skin to prevent possible irritation. Avoid working in and breathing spray mist. When preparing spray wear PVC or rubber apron, elbow length PVC gloves and face shield.

When using the prepared spray wear face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face-shield and contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:	Brown liquid with faint phenolic odour
Solubility:	Miscible in water
Specific gravity:	1.200
Rel. Vapour pressure:	Non-volatile as potassium salt
Flashpoint:	Not Flammable
Flammability Limits:	N App
Autoignition Temp.:	unknown
% Volatile by Volume:	40% (water only)
Melting/softening point:	-5°C
Boiling point:	> 100°C (water only)

MATERIAL SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

Store away from oxidising agents, may react violently with strong oxidising agents. Avoid inorganic peroxides, mineral acids and caustic material. Will react with acids to precipitate dichlorprop acid which will result in blockages of spray equipment; the efficacy of the product will be impaired. Forms an alkaline solution which may corrode aluminium or zinc.

Hazardous Decomposition Products: Only expected if material is involved in fires or exposed to extreme heat. Hazardous polymerisation is not possible.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Effects:

Ingestion: Swallowed: The concentrate is a moderate hazard if swallowed.

Eye Contact: The concentrate may cause severe eye irritating with the possibility of severe damage.

Skin Contact: The concentrate may cause reddening of the skin with some irritation if contact is prolonged. Prolonged contact of skin with the concentrate may result in some absorption of dichlorprop through the skin, which is harmful.

Inhalation: Not considered a serious hazard although inhalation of spray mist should be avoided.

Primary route of exposure is skin and eye contact.

Chronic Effects:

Chronic Over Exposure: Liver and kidney damage has been noted in rodents but only from excessive doses.

Other Health Hazard Information:

Acute Over Exposure: Headache, nausea and vomiting and, if extreme, twitches, spasms, dyspnea, cyanosis and exhaustion. If poisoning occurs, contact a Doctor or Poisons Information Centre 13 11 26.

Toxicity Data: Technical Dichlorprop

Acute Oral LD50 for rats 800mg/kg

LD50 for Mice: 400mg/kg

Acute percutaneous LD50 for Mice: 1,400mg/kg

Acute inhalation LC50 for Rats, 4 hours >0.65mg/L

12. ECOLOGICAL INFORMATION**Environment**

Do not contaminate dams, waterways or streams with this product or used containers. DO NOT use this container for any other purpose. After use, triple rinse container and dispose of safely in an approved manner. The active ingredient readily biodegrades in moist soil at moderate concentrations.

Toxicity to Fish

LC50 (48 hours) for bluegill sunfish 165mg/L as dimethylammonium salt. The potassium salt is expected to exhibit a similar toxicity to fish.

Toxicity to Bees

Not toxic to bees

13. DISPOSAL CONSIDERATIONS

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up

MATERIAL SAFETY DATA SHEET

for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

14. STORAGE & TRANSPORT INFORMATION

Transport Details: Considered non hazardous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.
Hazardous by the criteria of Worksafe Australia

16. OTHER INFORMATION

All due care and skill, so far as practicable, has been applied in the preparation and collation of the information in this MSDS. Each user of the Product named in this MSDS should read and consider the information contained in this MSDS in the context of how the Product will be stored, handled, used or applied in the workplace. In all circumstances, it is the responsibility of the user of the Product to ensure that they have sought out the relevant safety data appropriate to their particular situation. Nothing contained in this MSDS shall be construed as a representation or recommendation to the user about the suitability or otherwise of the Product named in this MSDS for the user's particular situation. If the user requires any clarification or further information, the user should contact Agricrop.

**CONTACT POINT: Agricrop Pty Ltd
1569 Wynnum Road
Tingalpa, Queensland 4173**

Telephone: 07 3348 4113 - Facsimile: 07 3348 2702

National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)

Please read all labels carefully before using product.