

SAFETY DATA SHEET

Agri-IPC Herbicide

Date of Issue: 11th July 2018

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s):	Chlorpropham
Recommended use:	Herbicide
Supplier:	Agrisource 2000 Limited 45 Kitchener Road Pukekohe Phone: 09 237 0422
Emergency telephone number:	0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classifications:	3.1C, 6.1E, 6.3B, 6.4A, 6.9B, 9.1B, 9.2A
Required identification Details:	3.1C: Warning – Flammable liquid and vapour. 6.1E: Harmful – May be harmful if swallowed. 6.3B: Harmful – May cause skin irritation. 6.4A: Harmful - May cause eye irritation. 6.9B: Harmful – May cause organ damage from repeated oral exposure at high doses. 9.1B: Ecotoxic – Very Toxic to aquatic organisms. 9.2A: Very toxic to the soil environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Chlorpropham	101-21-3	40%
Solvent	64742-95-6	48%
Cyclohexanone	108-94-1	5%

4. FIRST-AID MEASURES

Description of necessary first aid measures: In case of poisoning by any exposure route contact the National Poisons and Hazardous Chemicals Information Centre, PO Box 913, Dunedin. **Phone 0800 764 766, (0800 POISON).**

First-aid measures

Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
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Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Skin contact:	In case of contact, immediately flush skin with plenty of Water and soap. Remove contaminated clothing. Cold water may be used. Wash clothing before reuse. Get medical attention.
Eye contact:	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	3WE
Extinguishing media :	Water spray, dry chemical, carbon dioxide. Do not use high power water jet.
Hazardous thermal (de)composition products:	Chloroaniline, isocyanates, oxides of nitrogen, chlorine-Containing compounds and other unknown hazardous material may be formed. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiants.
Protection of fire-fighters:	Wear full protective clothing and self contained breathing apparatus. Do not breath smoke or gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Release or Spill: Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering, and an approved pesticide respirator or air-supplied respirator.
Environmental precautions:	Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.
Methods for cleaning up:	Clear area of unnecessary personnel. Extinguish any sources of ignition. Spills may be slippery and should be cleaned up immediately. Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.requirements of Local Authorities

7. HANDLING AND STORAGE

Handling:	When mixing or applying, avoid breathing dust and contact with skin and eyes. Wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and
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face before meals and after work. Wash protective clothing after work.

Storage: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Keep out of reach of children. Store in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Packaging materials: HDPE Coex Plastic bottle.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Exposure control measures: Ensure ventilation is adequate, generally natural ventilation is adequate.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

Where insufficient ventilation, use suitable respiratory protection.

Skin and body:

When opening the container, preparing spray and using prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.

Hands:

Elbow-length and PVC gloves

Eyes:

Wear chemical goggles or face shield.

General hygiene:

Avoid inhaling aerosols and vapours. Avoid contact with eyes and skin. Store work clothes and street clothes separately. Wash hand before breaks and at the end of work. Change contaminated protective clothing. Keep away from food, drinks and tobacco.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Colour: Yellowish
Odour: Aromatic odour
pH: 7
Boiling Point: N/A
Solubility: Active ingredient 89 mg/litre
Specific gravity or density: Approx. 0.93 (refer to specific batch COA)
Flashpoint: 45°C
Explosion properties: Not an explosive
Oxidation properties: Not an oxidiser

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Conditions to avoid: Extreme heat.

Materials to avoid: Strong oxidising agents.

Hazardous decomposition Products: Vapours of aromatic solvent, oxides of carbon and nitrogen chlorine containing compounds.

Hazardous reactions: None expected.

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral : LD₅₀ > 1,200 mg/kg (Rat)
Acute toxicity - Dermal : LD₅₀ > 700 mg/kg (Rat)
Acute toxicity – Inhalation LC₅₀ > 32 mg/litre (Rat 4h)

Skin irritation : Irritant (rabbit)

Eye irritation: Irritating to eyes (rabbit)

Sensitisation : Non sensitising

12. ECOLOGICAL INFORMATION

Toxicity to fish: Very toxic to aquatic organisms. Toxic to fish LC₅₀ = 3-6ppm (Rainbow trout), 6.3-6.8ppm (Bluegill sunfish).

Soil Toxicity: Very toxic to worms.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409.

CONTAINER DISPOSAL: Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

14. TRANSPORT INFORMATION -International transport regulations

UN number: 1993

Class: 3

Packing Group: III

Marine Pollutant: Yes

Proper shipping name : FLAMMABLE, LIQUID, N.O.S.(Contains 40% chlorpropham)

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): FLAMMABLE, LIQUID, N.O.S.(Contains 40% chlorpropham)

15. REGULATORY INFORMATION

ACVM Registered Number:	P8218 (See www.foodsafety.govt.nz for registration Conditions).
HSNO Approval Code:	HSR100992 (See www.epa.govt.nz for controls).
Approved Handler:	This product must be under the personal control of an approved handler or secured.
Tracking:	Not required.

16. OTHER INFORMATION

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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