

Crush Premium 750

Section 1: Identification

Product name:	Crush Premium 750
Other names:	750 g/kg Clopyralid as a potassium salt as a water soluble granule.
Recommended use:	For use in workplaces only. A selective herbicide for the control of broadleaf weeds in established Pasture, Cereals, Seed Crops, and Amenity Turf
Manufacturer/Importer details:	AgStar New Zealand Pty Ltd 4 Putakitaki Street, Lincoln, Christchurch 7608
Distributor:	Farmlands Co-operative Society Limited 535 Wairakei Road, Burnside, Christchurch 8053 TEL 0800 200 600
24 hour emergency contact:	0800 CHEMCALL (0800 243622)
National Poisons Centre:	0800 POISON (0800 764766)

Section 2: Hazard identification

HSNO Approval:	Product is classified as hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020 of the HSNO Act, 1996. HSR101329
Hazardous classification:	Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3.
Pictograms:	
Signal word:	WARNING
Hazard statements:	H412 Harmful to aquatic life with long lasting effects Very toxic to some plants species
Prevention statements:	Harmful to terrestrial vertebrates P273 Avoid release to the environment
Response statements:	P391 Collect spillage -
Storage statements:	P501 Dispose of product and containers in accordance with local Regulations. See Section 13 for details.
Disposal statement:	
Additional Label Requirements:	Do not apply into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Not for use in home gardens. Refer Section 15.

Section 3: Composition/information on ingredients

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Chemical identity of ingredients with health or environmental hazards:

<i>Ingredient</i>	<i>CAS No.</i>	<i>Proportion% w/v</i>
Clopyralid acid*	1702-17-6	75
Other ingredients	Proprietary	Up to 100

*present as the potassium salt

Section 4: First-aid measures

First aid measures:	If medical advice is needed, have product container or label at hand. For advice contact National Poisons Centre 0800 POISON [0800 764 766] or a doctor.
Ingestion:	Do NOT induce vomiting. Rinse mouth. Call a POISON CENTRE or doctor for advice if you feel unwell.
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing.
Skin contact:	Remove contaminated clothing and wash affected area with soap and running water. If skin irritation occurs, get medical attention
Eye contact:	Wash out immediately with running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
First aid facilities:	Provide eye baths and safety showers close to areas where product contact or splashing may occur.
Advice to doctor:	Treat symptomatically.

Section 5: Fire-fighting measures

Flammability:	Non-flammable.
Appropriate extinguishing media:	Water spray, foam, dry chemical, CO ₂ . Avoid water jet
Hazardous decomposition products:	During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.
Special protective equipment and precautions for fire-fighters:	Self-contained breathing apparatus with full face-piece and protective clothing. If appropriate, cool fire exposed containers with water spray.

Section 6: Accidental release measures

Personal precautions:	Wear protective clothing (overalls buttoned at wrist and neck), chemical resistant gloves and boots and chemical goggles or face shield.
Environmental precautions:	Contain and collect spillage. Prevent liquid spills from contaminating drains or watercourses by activating emergency shut-off valves or using bunding. Inform appropriate authorities immediately if spill enters waterways or sewers. Prevent chemical contaminating soil.
Procedure for clean up:	Collect spill and absorb liquid residues with inert absorbent material such as sand, soil or clay granules. Collect into an appropriate, labelled, waste container and dispose of at an approved facility. Prevent runoff entering waterways or contaminating the soil.

Section 7: Handling and storage

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Safe handling:	Read label before use. Use only outdoors or in a well-ventilated area. Wear protective clothing; chemical goggles or a face shield, impervious gloves, overalls and boots when handling. Wash splashes from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash contaminated clothing before re-use.
Safe storage:	Store in the original container, tightly closed and in a secure, dry, cool, well-ventilated area, well away from foodstuffs or seeds. Storage must be in accordance with the current version of the New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing 1000 kg or more of Crush Premium 750 require signage, and an emergency response plan.

Section 8: Exposure controls/personal protection

Occupational exposure limits:	<table><tr><th><i>Ingredient</i></th><th><i>CAS No.</i></th><th><i>WES-TWA</i></th><th><i>WES-STEL</i></th></tr><tr><td>Clopyralid</td><td>1702-17-6</td><td></td><td></td></tr></table>	<i>Ingredient</i>	<i>CAS No.</i>	<i>WES-TWA</i>	<i>WES-STEL</i>	Clopyralid	1702-17-6		
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Clopyralid	1702-17-6								
Biological limit value:	None set as of WorkSafe's 15 th edition of WES and BEI values, published February 2025.								
Engineering controls:	Use only in well-ventilated areas. If necessary, use local exhaust ventilation to keep airborne concentration below the exposure limits.								
Respiratory protection:	Wear half or full mask fitted with vapour filter when mixing or applying spray.								
Hand protection:	Elbow length, chemical resistant gloves (e.g. PVC, rubber, neoprene or nitrile).								
Eye protection:	Goggles with side pieces or a face shield.								
Skin protection:	Overalls and PVC or rubber boots.								
General hygiene:	Do not eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing daily after work.								
Personal Protection:	Further information on specific types of personal protective gear and related standards is available in Section 16.								

Section 9: Physical and chemical properties

(a)	Appearance:	Off-white granule
(b)	Odour:	Odourless
(c)	Odour threshold:	Not available.
(d)	pH:	6.5-8.5 (1% aqueous dilution)
(e)	Melting point/freezing point:	Not applicable
(f)	Initial boiling point and boiling range:	Not available Not applicable
(g)	Flash point:	Non-flammable

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(h)	Flammability (solid, gas):	Not available
(i)	Upper/lower flammability or explosive limits:	Not available.
(j)	Vapour pressure:	No data available
(k)	Vapour density:	No data available
(l)	Relative density:	No data available
(m)	Solubility:	Soluble in water
(n)	Partition coefficient: n-octanol/water:	Not available.
(o)	Auto-ignition temperature:	Not available.
(p)	Decomposition temperature:	Not available.
(q)	Kinematic viscosity:	Not available
(r)	Particle characteristics	Not available

Section 10: Stability and reactivity

Stability of the substance:	Stable under normal storage conditions of use.
Conditions to avoid:	No information available
Incompatible materials:	Strong acids, bases and strong oxidizing agents
Hazardous decomposition products:	During a fire, toxic fumes may be emitted

Section 11: Toxicological information

	Toxicity classifications determined by assessment of the components in the formulated mixture.
a) Acute toxicity:	Not classified
b) Aspiration hazard:	Not classified.
c) Respiratory irritation:	Not classified
d) Skin corrosion / irritation:	Not classified
e) Serious eye damage / irritation:	Not classified
f) Respiratory or skin sensitisation:	Not classified.
g) Germ cell mutagenicity:	Not classified.
h) Carcinogenicity:	Not classified.
i) Reproductive toxicity:	Not classified
j) Specific organ toxicity:	Not classified.
k) Narcotic effects:	No information.
l) Other adverse effects:	No information.
m) Toxicological information	
Clopyralid:	Acute Oral LD50 (rat) > 2000mg/kg Acute Dermal LD50 (rabbit) > 2000mg/kg

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Acute Inhalation: LC50 (rat) 0.38mg/L air

Section 12: Ecological information

	Ecotoxicological classifications determined by assessment of the active ingredient.
(a) Aquatic ecotoxicity:	Harmful to the aquatic environment with long lasting effects
(b) Soil ecotoxicity	Very toxic to some plant species
(c) Terrestrial vertebrate ecotoxicity:	Harmful to terrestrial vertebrates.
(d) Terrestrial invertebrate ecotoxicity:	Not classified
(e) Persistence and degradability:	DT50 in soil for clopyralid is typically 8 - 66 days.
(f) Potential to be bioaccumulative:	No data available
(g) Mobility in soil.	No data available
(h) Ecotoxicological information for active ingredient Clopyralid:	LC50 (96hr) for rainbow trout is 103.5 mg/l. LC50 (96hr) for bluegill sunfish is 125.4 mg/l. Acute Toxicity - Daphnia EC50 (48hr) is 225 mg/l. Acute Toxicity - Algae EC50 (96h) Algae: Selenastrum capricornutum = 6.9mg/L (clopyralid technical) Acute Toxicity - Other Organisms Birds: Not toxic to birds. LD50 for bobwhite quail is >2000 mg/kg Bees: Not toxic to bees. LD50 >100 µg/bee.

Section 13: Disposal considerations

Product disposal:	Dispose of this product only by using according to the label or at an approved facility.
Container disposal:	Ensure bags are shaken to remove residues, or triple rinse empty container and add rinsate to the spray tank. Recycle empty container at an approved recycling facility. Otherwise crush and bury empty container in a suitable landfill. Do NOT use the container for any other purpose.

Section 14: Transport information

UN number:	None allocated
UN proper shipping name:	N/A
UN class:	N/A
Packing group:	N/A
HAZCHEM:	N/A
Marine pollutant:	N/A
Special precautions:	This product is classified as a non-Dangerous Good. Consult the Land Transport Rule: Dangerous Goods 2005 (and amendments) and NZS 5433:2020 Transport of Dangerous Goods on Land for

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more information.

Section 15: Regulatory information

HSNO:	Approved substance under the HSNO Act 1996.																								
Substance approval number:	HSR101329																								
Tolerable exposure limit / environmental exposure limit:	No limits set.																								
HSNO controls:	See www.epa.govt.nz																								
	<table> <tr> <td>Qualifications</td><td>Yes</td></tr> <tr> <td>Tracking:</td><td>No</td></tr> <tr> <td>Safety Data Sheet:</td><td>Any quantity</td></tr> <tr> <td>Restricted to workplace only:</td><td>No</td></tr> <tr> <td>Quantity that must be secured when unattended:</td><td>-</td></tr> <tr> <td>Fire extinguishers</td><td>-</td></tr> <tr> <td>Quantity for secondary containment and emergency response plan:</td><td>1000 kg</td></tr> <tr> <td>Quantity for signage:</td><td>1000 kg</td></tr> <tr> <td>Quantity for Location certificate</td><td>-</td></tr> <tr> <td>Records of use (3 kg or more applied to area within 24 hours)</td><td>Yes</td></tr> <tr> <td>Quantity that requires management in accordance with HSW HS Regulations</td><td>-</td></tr> <tr> <td>Hazardous Substances (Packaging) Notice 2017; Clause 9</td><td>N/A</td></tr> </table>	Qualifications	Yes	Tracking:	No	Safety Data Sheet:	Any quantity	Restricted to workplace only:	No	Quantity that must be secured when unattended:	-	Fire extinguishers	-	Quantity for secondary containment and emergency response plan:	1000 kg	Quantity for signage:	1000 kg	Quantity for Location certificate	-	Records of use (3 kg or more applied to area within 24 hours)	Yes	Quantity that requires management in accordance with HSW HS Regulations	-	Hazardous Substances (Packaging) Notice 2017; Clause 9	N/A
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Additional controls:	Not for use in home gardens Treated vegetation must not be disposed of at any green waste recycling centre. Do not use hay or other plant material that has been treated with this substance within 10 weeks of harvest to: • make compost • mulch susceptible crops • make mushroom substrate. Do not make compost from manure, paunch grass, or dairy effluent unless it is from clopyralid-free animals that have not grazed for at least 4 days on areas treated with clopyralid in previous 3 weeks. Do NOT use for treating turf that will be mown and the clippings used for making compost; or made available for collection for, or deposited at, a municipal green waste recycling depot. Dispose of clipping and treated plant material to landfill if not left to decay naturally where plants have been growing.																								
Additional information:	Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.																								

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ACVM:	Registered under the Agricultural Compounds Veterinary Medicines Act 1997.
Registration number:	P10221
Conditions of registration:	See www.foodsafety.govt.nz

Section 16: Other information

Date of issue:	17/07/2025
Reason for reissue:	SDS revision and changed EPA substance controls.
Replaces:	Not applicable
Information references:	Supplier Safety Data Sheet NZ EPA Approved hazardous substances databases. Workplace Exposure Standards and Biological Exposure Indices
Abbreviations:	ACVM: Agricultural Chemicals and Veterinary Medicines Group Bw: Bodyweight. HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act) EPA: Environmental Protection Authority of New Zealand CAS Number: Chemical Abstracts Service Number LD50: Lethal Dose 50% (Population) LC50: Lethal Concentration 50% (Population) WES-TWA: Workplace exposure standards – Time-weighted average WES-STEL: Workplace exposure standards – Short-term exposure limit
Personal Protection Standards:	The following Standards provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715 , Protective Gloves: AS 2161 , Occupational Protective Clothing: AS/NZS 4501 , Industrial Eye Protection: AS1336 and AS/NZS 1337 , Occupational Protective Footwear: AS/NZS2210

The data provided in this safety data sheet is based on current knowledge and experience. The purpose of this document is to describe the product in terms of its safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.