

D-C-Tron Plus (Organic) Spray Oil



Section 1: Identification

Product name: D-C-Tron Plus (Organic) Spray Oil

Other names: 823 g/L mineral oil in the form of an emulsifiable concentrate. Sulphonated residues not less than 98%.

Recommended use: Crop protection spray oil.

Manufacturer/Importer details: PGG Wrightson Ltd
1 Robin Mann Place
Christchurch Airport
PO Box 292, Christchurch 8140

Phone: 03 372 0890

24 hour emergency contact: Phone: 0800 10 22 76

National Poisons Centre: 0800 CHEMCALL (0800 243622)

0800 POISON (0800 764766)

Section 2: Hazard identification

HSNO Approval: Product is classified as hazardous according to the Hazardous Substances (Classification) Notice 2020 of the HSNO Act, 1996. HSR100451

Hazardous classifications: Designed for biocidal action.

Pictograms: Not required

Signal word: Not required

Hazard statements: Designed for biocidal action.

Prevention statements: P103 Read label before use.
P273 Avoid release to the environment.

Response statements: Not required

Storage statement: Not required

Disposal statement: P501 Dispose of product and containers in accordance with local Regulations. See Section 13 for details.

Additional information: Do not apply directly into or onto water.

Section 3: Composition/information on ingredients

Chemical identity of ingredients with health or environmental hazards:

<i>Ingredient</i>	<i>CAS No.</i>	<i>Proportion % w/w</i>
Refined paraffinic mineral oil	64742-55-8	>60
Emulsifiers	Trade secret	10 - 30

Section 4: First-aid measures

General advice: 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. Get medical advice.

Inhalation:

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Skin contact:	Remove person from exposure to fresh air and keep at rest in position comfortable for breathing. Get medical advice if person feels unwell.								
Eye contact:	Remove contaminated clothing and wash affected area thoroughly with plenty of soap and water. If skin irritation persists, get medical attention. Wash contaminated clothing before reuse. Immediately rinse eyes with running water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention.								
First aid facilities:	Emergency showers and eyewashes to be available in the immediate vicinity of any potential exposure.								
Advice to doctor:	Treat symptomatically.								
Section 5: Fire-fighting measures									
Flammability:	Non flammable but product will burn.								
Appropriate extinguishing media:	Fine water spray, water fog, CO ₂ , foam.								
Combustion products:	Carbon compounds and other possible toxic compounds.								
Special protective equipment and precautions for fire-fighters:	In case of fire wear full chemical resistant protective clothing and a self-contained breathing apparatus.								
HAZCHEM code:	Not applicable.								
Section 6: Accidental release measures									
Personal precautions:	Wear appropriate protective clothing as described in Section 8. Keep unprotected personnel away from spillage area.								
Environmental precautions:	Contain spillage. Prevent from entering waterways.								
Procedure for clean up:	Collect liquid if possible and absorb small or residual spillage with inert materials and place in appropriate labelled waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely at an approved facility.								
Section 7: Handling and storage									
Safe handling:	Read label before use. Avoid inhalation of spray and skin or eye contact.								
Safe storage:	When mixing or applying wear protective clothing such as waterproof gloves, overalls and eye protection.								
	Do not eat, drink or smoke when using.								
	Wash hands and face thoroughly after use.								
	Keep out of reach of children. Store in original container, tightly closed and in a locked, dry, cool, well-ventilated area away from sources of heat/ignition, foodstuffs, feeds, seeds, fertilisers.								
Section 8: Exposure controls/personal protection									
Occupational exposure limits:	<table><tr><th>Ingredient</th><th>Form of exposure</th><th>WES-TWA</th><th>WES-STEL</th></tr><tr><td>Oil mist, mineral (CAS No 8012-95-1)</td><td>Inhalation</td><td>5 mg/m³</td><td>10 mg/m³</td></tr></table>	Ingredient	Form of exposure	WES-TWA	WES-STEL	Oil mist, mineral (CAS No 8012-95-1)	Inhalation	5 mg/m ³	10 mg/m ³
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Engineering controls:	In a situation where spray mist/vapours may be generated proper ventilation must be provided.
Respiratory protection:	Not required if used outdoors and in well-ventilated area.
Hand protection:	Waterproof gloves.
Eye protection:	Safety glasses with side shields or goggles.
Skin protection:	Protective clothing (overalls) and boots.
Section 9: Physical and chemical properties	
(a) Appearance:	Light brown liquid.
(b) Odour:	Petroleum.
(c) Odour threshold:	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point:	No data available.
(f) Initial boiling point and boiling range:	No data available.
(g) Flash point:	>93 °C
(h) Flammability (solid, gas):	Not applicable.
(i) Upper/lower flammability or explosive limits:	Not applicable.
(j) Vapour pressure:	No data available.
(k) Vapour density:	No data available.
(l) Relative density:	0.84g/ml at 15°C
(m) Solubility:	Emulsifies in water.
(n) Partition coefficient: n-octanol/water:	No data available.
(o) Auto-ignition temperature:	No data available.
(p) Decomposition temperature:	No data available.
(q) Kinematic viscosity:	No data available.
Section 10: Stability and reactivity	
Stability of the substance:	Stable under normal storage and handling conditions.
Incompatible materials:	Avoid elevated temperatures and sources of ignition.
Hazardous decomposition products:	Oxidising agents.
	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Section 11: Toxicological information	
(i) Acute toxicity:	Toxicity classifications determined by assessment of the components in the formulated mixture. Not classified as acutely toxic if ingested, in contact with skin or inhaled. If ingested can result in nausea, vomiting and irritation of gastrointestinal tract.

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(ii)	Aspiration hazard:	Not classified as aspirant hazard but avoid aspiration through ingestion or vomiting, as may cause bronchopneumonia or pulmonary oedema.
(iii)	Respiratory irritation:	May irritate mucous membranes and respiratory tract.
(iv)	Skin corrosion/irritation:	May be skin irritant.
(v)	Serious eye damage/irritation:	May be irritating to eyes.
(vi)	Respiratory or skin sensitisation:	Not classified.
(vii)	Germ cell mutagenicity:	Not classified.
(viii)	Carcinogenicity:	Not classified.
(ix)	Reproductive toxicity:	Not classified.
(x)	Specific organ toxicity:	Not classified.
(xi)	Narcotic effects:	Not classified.
(xii)	Other information.	Not available.
Toxicological information for active ingredients:		Not available.
Section 12: Ecological information		
		Product is classified as for biocidal action. Ecotoxicological classifications determined by assessment of the components in the formulated mixture.
(a)	Aquatic toxicity:	Not classified.
(b)	Soil environment:	Not classified.
(c)	Terrestrial vertebrate toxicity:	Not classified.
(d)	Terrestrial invertebrate toxicity:	Not classified.
(e)	Persistence and degradability:	No data to available.
(f)	Potential to be bioaccumulative:	No data to available.
(g)	Mobility in soil:	
Ecotoxicological information for active ingredients:		No data available.
Section 13: Disposal considerations		
Product disposal:		Dispose of this product only by using according to the label or through Agrecovery chemical disposal or similar approved service or at an approved landfill.
Container disposal:		Triple rinse empty container adding rinsate to the spray tank. Recycle through Agrecovery if possible or appropriate recycling facility. Otherwise crush and bury in an approved landfill. Do not use container for any other purpose.
Section 14: Transport information		
UN number:		Non-regulated

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UN proper shipping name: -
UN class: -
Packing group: -
HAZCHEM: -
Marine pollutant: -

This product is not classified as a Dangerous Good. Consult the Land Transport Rule: Dangerous Goods 2005 and NZS 5433:2020 Transport of Dangerous Goods on Land for more information.

Section 15: Regulatory information

HSNO: Approved substance under the HSNO Act 1996.
Substance approval number: HSR100451
Tolerable exposure limit: Not set.
HSNO controls: See www.epa.govt.nz
Additional controls: This substance must not be applied onto or into water.

ACVM: Registered under the Agricultural Compounds Veterinary Medicines Act 1997.
Registration number: P8124
Conditions of registration: See www.foodsafety.govt.nz

Section 16: Other information

Date of issue: 14/08/2023
Reason for reissue: Product information review; change to GHS hazard statements
Replaces: Supplier SDS issued 29/05/2018

Information references: Supplier Safety Data Sheet
NZ EPA Approved hazardous substances database.
NZ EPA Chemical Classification and Information Database (CCID)

Abbreviations: ACVM: Agricultural Chemicals and Veterinary Medicines Group
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

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.