

CORASIL Plant Growth Regulator

Infosafe No.: 3NU90
ISSUED Date : 22/06/2021
ISSUED by: NUFARM AUSTRALIA LIMITED.

1. Identification

GHS Product Identifier

CORASIL Plant Growth Regulator

Product Code

5161

Product Type

Plant Growth Regulator

Company name

NUFARM AUSTRALIA LIMITED. (ABN 80 004 377 780)

Address

103-105 Pipe Road Laverton North
Victoria 3026 Australia

Telephone/Fax Number

Tel: +61 3 9282-1000

Emergency phone number

1800 033 498 (24hr Australia)

Emergency Contact Name

www.nufarm.com.au

E-mail Address

SDSANZ@nufarm.com

Recommended use of the chemical and restrictions on use

A plant growth regulator for the improvement of the size of orange and mandarin fruits as per the Directions for Use table on the label.

Disclaimer

This Safety Data Sheet describes the properties of the intermediate product. The physical properties and the assessments may not apply to the properties of the product once it has been diluted for application.

2. Hazard Identification

GHS classification of the substance/mixture

AH1 Aspiration Hazard: Category 1

CA2 Carcinogenicity: Category 2

ED1 Eye Damage/Irritation: Category 1

SC-2 Skin Corrosion/Irritation: Category 2

SE-3NARC STOT Single Exposure Category 3 (narcotic)

FL4 Flammable Liquids: Category 4

Signal Word (s)

DANGER

Hazard Statement (s)

H304 May be fatal if swallowed and enters airways.
H351 Suspected of causing cancer.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
AUH066 Repeated exposure may cause skin dryness or cracking
H227 Combustible liquid

Precautionary statement–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.

Pictogram (s)

Health hazard, Corrosion, Exclamation mark,
The below pictograms are GHS Hazard symbols for workplace use only.
See SECTION 14 for Dangerous Goods information.



Precautionary statement–Prevention

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands and exposed skin thoroughly after handling.

P261 Avoid breathing vapours and spray.

Precautionary statement–Response

P308+P313 IF exposed or concerned: Get medical advice/attention.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Other Information

Poisons Schedule S6

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Dichlorprop-P (present as 2 ethyl hexyl ester)	865363-39-9	25 g/L
Liquid Hydrocarbon		773 g/L

4. First-aid measures

Inhalation

Remove affected person to fresh air until recovered.
If symptoms develop or persist, seek medical advice.

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 (Aust). Make every effort to prevent vomit from entering the lungs by careful placement of the patient.

Skin

Wash affected areas thoroughly with soap and water.

Remove contaminated clothing and launder before re-use.

Eye contact

If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes.

Seek medical advice immediately.

Advice to Doctor

Treat symptomatically.

If vomiting occurs, solvent present may cause pulmonary pneumonitis.

5. Fire-fighting measures

Suitable Extinguishing Media

Water fog, foam, carbon dioxide or dry chemical.

Hazards from Combustion Products

May emit toxic smoke and fumes if involved in fires or exposed to extreme heat.

Special Protective Equipment for fire fighters

Breathable air apparatus must be worn when fighting a fire in which this product is involved.

Other Information

STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

6. Accidental release measures

Spills & Disposal

Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite).

Collect spilled material and waste in sealable open-top type containers for disposal.

On-site disposal of concentrate is not acceptable.

Dispose of at a landfill in accordance with local regulations.

Personal Protection

For appropriate personal protective equipment (PPE), refer Section 8.

7. Handling and storage

Conditions for safe storage, including any incompatibilities

Store in the closed, original container in a cool, well ventilated area.

Do not store for prolonged periods in direct sunlight.

Other Information

Always read the label and any attached leaflet before use.

8. Exposure controls/personal protection

Occupational exposure limit values

The manufacturer of the solvent has recommended an occupational exposure limit of 100 mg/m³; 15ppm TWA, as total hydrocarbon.

Appropriate engineering controls

Handle in well ventilated areas, generally natural ventilation is adequate.

Personal Protective Equipment

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

Re-entry period: Do not enter treated area until spray has dried.

Hygiene Measures

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash contaminated clothing and safety equipment.

Requirements Concerning Special Training

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Pale yellow liquid
Odour	Typical aromatic odour	Solubility in Water	Forms an emulsion in water.
Specific Gravity	0.914	Vapour Pressure	0.11 mPa (25°C, estimated for dichlorprop-P 2EHE)
Partition Coefficient: n-octanol/water	Kow Log P is 6.54 (25°C estimated for dichlorprop-P 2EHE)	Flash Point	68°C
Flammability	Combustible Liquid (GHS). Combustible liquid C1. (AS1940 - 2017).		

10. Stability and reactivity

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Keep away from strong oxidising agents.

Hazardous Polymerization

Hazardous polymerisation is not possible.

11. Toxicological Information

Acute Toxicity - Oral

LD50 (rat) 3800 mg/kg for a similar formulation

Acute Toxicity - Inhalation

LC50 (rat) (4hr) >5.2 mg/l for a similar formulation

Acute Toxicity - Dermal

LD50 (rat) >2000 mg/kg for a similar formulation

Ingestion

Ingestion of the concentrate in relatively large amounts can result in headache, nausea, lethargy, motor weakness and incoordination.

Inhalation

When applying the product as a spray avoid breathing in spray mist.

High vapour concentrations of the solvent while handling the concentrate are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, and may have other central nervous system effects.

Skin

Prolonged contact with the concentrate can cause defatting of the skin and may result in skin irritation.

Eye

The concentrate may cause severe irritation of the eyes unless washed off immediately.

Serious eye damage/irritation

The product is an eye irritant.

Skin Sensitisation

Prolonged and repeated skin contact may result in skin sensitisation.

Chronic Effects

Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Other Information

The Australian Acceptable Daily Intake (ADI) for dichlorprop-P for a human is 0.03 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 6 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: Aust Govt Dept. of APVMA, "ADI List", April 2020).

12. Ecological information

Other Precautions

Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

Environmental Protection

Spray drift should be avoided, read the label for more information.

Acute Toxicity - Fish

LC50 (96hr) for bluegill sunfish is 16 mg/l for dichlorprop 2EHE

LC50 (96hr) for rainbow trout is 11 mg/l for dichlorprop-P 2EHE

Acute Toxicity - Daphnia

EC50 (48hr) for daphnia magna is >1.5 mg/l for dichlorprop-P 2EHE.

13. Disposal considerations

Product Disposal

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®).

Container Disposal

Do not use this container for any other purpose.

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 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.

If recycling, replace cap and return clean containers to recycler or designated collection point.

Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank.

14. Transport information

Transport Information

It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

U.N. Number

None Allocated

UN proper shipping name

COMBUSTIBLE LIQUID - CLASS C1 Flashpoint >61°-150°C

Transport hazard class(es)

None Allocated

Storage and Transport

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

15. Regulatory information

Regulatory information

WHS Schedule 11: item 10 - Flammable Liquid category 4 .

Poisons Schedule

S6

Packaging & Labelling

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Other Information

APVMA product number: 59999.

This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA).

16. Other Information

Date of preparation or last revision of SDS

Revised 22/06/2021.

Contact Person/Point

Normal Hours: SDS Coordinator Phone: +61 3 9282 1000

After Hours: Shift Supervisor Phone: 1800 033 498

END OF SDS

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