

Section 1 - Identification of the Material and Supplier

Product Name: Swan MCPA LVE 570 Selective Herbicide

APVMA Approval No.: 95481

Chemical Nature: Emulsifiable Concentrate (EC) containing MCPA

Product Use: Agricultural herbicide for use as described on the product label.

Company: Swan Chemical Holdings Pty Ltd

U2/9 Glossop Street, Wangara WA

6065

Phone: 1300 289 520

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swanchemicalholdings.com

Creation Date: December 2024

Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 - Hazards Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of

Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by

Road and Rail (7th edition), IATA and IMDG/IMSBC.

Not subject to the ADG Code when transported in Australia by Road or Rail in packages that do not incorporate a receptacle exceeding 500 kg(L); or IBCs (refer to SP AU01). However, if transported by Air or Sea, this provision does not apply.



Corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



Environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



Acute Toxicity (Oral) 4 H302 Harmful if swallowed.

Skin Corrosion/Irritation 2 H315 Causes skin irritation.

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Flammable Liquids 4 H227 Combustible liquid.

Signal Word Danger

Hazard Statements

- H227 Combustible liquid.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- 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 CENTRE/doctor.
- P321 Specific treatment (see on this label).
- P330 Rinse mouth.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
- P391 Collect spillage.
- P403 Store in a well-ventilated place.
- P501 Dispose of contents/container in accordance with local/regional/national regulations.

Section 3 - Composition/Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components: CAS: 94-74-6 MCPA (ISO) - 50-60%

Section 4 - First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

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Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye damage.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media:

Carbon dioxide, dry chemical, foam or water fog. Do not use water jet. It may spread the fire.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon, hydrogen chloride gas and other compounds of chlorine.

Product is not flammable. However, it may burn in larger fire.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from firefighting entering drains or water courses.

HAZCHEM Code: •3Z

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical goggles, nitrile or PVC gloves, protective clothing (overall), washable hat and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container for disposal. Ensure adequate ventilation.

Section 7 - Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Protect from direct sunlight, heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents.

Section 8 - Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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Engineering Controls:

Ensure adequate ventilation of the working area.

Respiratory Protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Skin Protection:

Elbow-length PVC gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing, including cotton overall buttoned to the neck and wrist, safety boots and washable hat (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing).

See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

Section 9 - Physical and Chemical Properties

Appearance:

Form: Liquid

Colour: Brown

Odour: Characteristic solvent odour

Odour Threshold: Not determined.

pH-Value: No information available

Melting point/freezing point: No information available

Initial Boiling Point/Boiling Range: No information available

Flash Point: 107 °C (PMCC)

Flammability: Product is not flammable. However, it may burn in larger fire.

Decomposition Temperature: >150 °C

Explosion Limits:

Lower: No information available

Upper: No information available

Vapour Pressure: Negligible at normal ambient temperatures.

Density: Not determined.

Relative Density at 20 °C: 1.056 g/cm³

Vapour Density at 20 °C: >1 g/cm³

Evaporation Rate: No information available

Solubility in Water: Emulsifies into water

Section 10 - Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: Strong oxidising agents.

Hazardous Decomposition Products:

Oxides of carbon, hydrogen chloride gas and other compounds of chlorine.

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Section 11 - Toxicological Information

Toxicity:

LD50/LC50 Values: CAS: 94-74-6 MCPA (ISO)

Oral: LD50 700 mg/kg (rat)
Dermal: LD50 >2,000 mg/kg (rat)
Inhalation: LC50/4 h >3.1 mg/l (rat)

Acute Health Effects

Inhalation: May cause respiratory irritation.

Skin: Causes skin irritation.

Eye: Causes serious eye damage.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information:

The Australian Acceptable Daily Intake (ADI) for MCPA for a human is 0.01 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 1.1 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: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2021).

Section 12 - Ecological Information

Ecotoxicity: Non-toxic to bees.

Aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

CAS: 94-74-6 MCPA (ISO)

LC50/96 h >135 mg/l (bluegill)

LC50/48 h >190 mg/l (daphnia); 50-560 mg/l (rainbow trout)

Persistence and Degradability: Low persistence. Biodegradable.

Bio-accumulative Potential: MCPA will not accumulate in the soil or water.

Mobility in Soil: No data available on finished product.

Other adverse effects: No further relevant information available..

Section 13 - Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

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Please consult your state Land Waste Management Authority for more information.

Section 14 - Transport Information

UN Number

ADG, IMDG, IATA UN3082

Proper Shipping Name

ADG, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MCPA (ISO))

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MCPA (ISO)), MARINE POLLUTANT

Dangerous Goods Class

ADG Class: 9

Packing Group:

ADG, IMDG, IATA III

Marine Pollutant: Symbol (fish and tree)

EMS Number: F-A,S-F

Hazchem Code: •3Z

Special Provisions: 274, 331, 335, 375, AU01

Transport/Additional information: Not subject to the ADG Code when transported by road or rail in packages that do not incorporate a receptacle exceeding 500 kg(L) or IBCs. (refer to SP AU01)

Limited Quantities: 5L

Packagings & IBCs - Packing Instruction:

P001, IBC03, LP01

Packagings & IBCs - Special Packing

Provisions: PP1

Portable Tanks & Bulk Containers -

Instructions:T4

Portable Tanks & Bulk Containers - Special

Provisions: TP1, TP29

Section 15 - Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 6

Australian Pesticides and Veterinary Medicines Authority:

This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA Approval No. 95481.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

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This version issued: December, 2024

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS Australian Inventory of Chemical Substances

SWA Safe Work Australia, formerly ASCC and NOHSC

CAS number Chemical Abstracts Service Registry Number

Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters

IARC International Agency for Research on Cancer

NOS Not otherwise specified

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSMP Standard for the Uniform Scheduling of Medicines & Poisons

UN Number United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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