



Date of Issue: October 2024

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Sabakem Flupropanate 745 SL

Other means of identification

Agricultural Herbicide Mixture

Recommended use

Herbicide for certain grasses as described on the product label.

of the chemical and restrictions on

use:

Supplier: Sabakem Pty Ltd

Street address: Suite 809, Level 8, 2 Queen St

Melbourne VIC 3000 Australia

Telephone no.: 03 9629 3979

Website: www.sabakem.com

Emergency Poisons Information Centre 13 11 26 (24 hours)

telephone:

HAZARDS IDENTIFICATION

Classification of the substance

This material is **non-hazardous** according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia;.

mixture:

2.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion (w/v)
Flupropanate present as	22898-01-7	745 g/L
the Sodium Salt		
Other components are not considered hazardous in this formulation and therefore are not required to		
be disclosed according to the WHS Regulations.		

4. FIRST AID MEASURES

Speed in treatment is essential. If poisoning occurs, contact a Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766 or a doctor. Have this SDS or the label with you.

Inhalation: If symptoms develop, bring affected person to fresh air and contact a Poisons

Information Centre or a doctor at once.

Skin contact: Remove contaminated clothing and wash with plenty of water and soap. If symptoms

develop, seek medical attention.

Eye contact: If in eyes, hold eyelids apart and flush the eye with running water. If symptoms

develop, seek medical attention.

Ingestion: If swallowed, wash mouth with water and contact a Poisons Information Centre,

or call a doctor. Do not induce vomiting unless told to do so by the Poisons

Information Centre or doctor.

First aid facilities: Eyewash and normal washroom facilities.

Medical attention

Treat symptomatically.

and special treatment:

5. FIRE FIGHTING MEASURES



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Suitable extinguishing equipment:

There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Hazchem code: Specific hazards N/A Non-combustible material. Decomposes on hearing emitting noxious or toxic

arising from the chemical:

fumes.

Special protective equipment and precautions for fire-fighters:

Fire fighters should wear Safe Work Australia approved self-contained breathing apparatus (AS/NZS 1715/1716) and full protective gear. Keep unnecessary people away. If it can be done safely, remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of extinguishing agent and spillage safely later. Contamination of water bodies should be avoided.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/ Environmental precautions: In the event of a spill, prevent spillage from entering drains or water courses with absorbent material and call emergency services.

Personal precautions/
Protective equipment:

In case of spillage, avoid eye and skin contact. Wear goggles, full-length clothing and PVC gloves.

Methods and materials for containment and cleaning up:

Small Spill: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Use absorbent material (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. Wash area down with detergent and excess water.

Large Spill: Wear protective equipment (see Personal Protection). Clear area of all unprotected personnel. Place leaking containers into salvage drums. Apply absorbent material such as earth, sand or cat litter to the spill area. Form a barricade around spill and in front of drains or waterways in spill vicinity using earth or other available material.

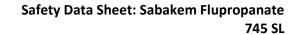
7. HANDLING AND STORAGE

Precautions for safe handling: Safe work practices are recommended. Avoid contact with eyes and skin. When opening the container and preparing spray wear appropriate PPE (refer Section 8).

Hygiene measures: When using products, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly with soap and water after use and before eating, drinking, smoking/using tobacco, chewing gum, using the toilet or applying cosmetics. After each day's use, wash gloves, face shield or goggles and contaminated clothing. Avoid contact with eyes and skin.

Conditions for safe storage, including any Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under 'Incompatibilities' in Section 10. Check packaging - there may be further storage instructions on the label.

incompatibilities:





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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure No value assigned for this specific material by Safe Work Australia.

control measures:

Engineering Use in well-ventilated areas. Keep containers closed when not in use.

controls:

protection:

Individual protection measures, such as Personal Protective Equipment (PPE):

See container label safety directions. The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Observe good standards of hygiene and cleanliness. Always wash hands, arms and face thoroughly with soap and water before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment with detergent and warm water before storage or re-use.

Respiratory Respiratory protective equipment is not needed under normal and intended

protection: conditions of product use. However, if protection is required, consult AS/NZS 1715

and AS/NZS 1716 for further information.

product use. However, if protection is required, consult AS/NZS 1336 and AS/NZS

1337 for further information.

Skin protection: Full protective clothing, and elbow-length rubber or chemical resistant gloves must

be worn when opening the container and using the product. Always check with the glove manufacturer or your personal protective equipment supplier regarding the

correct type of glove to use. Consult AS/NZS 2161 for further information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Homogenous and Transparent Liquid

Colour: Yellow to brownish yellow

Odour: Odorless pH: 1.45 g/mL

Specific gravity:

Melting point/Freezing point:

Boiling point/range:

Flash point:

Evaporation point:

Vapour pressure:

No available data

Solubility: Miscible

Partition coefficient: No available data

n- octanol/water

Auto-ignition temperature: No available data
Decomposition temperature: No available data
Viscosity: No available data

10. STABILITY AND REACTIVITY

Reactivity: No known reactivity hazards associated with this product, under

normal conditions of use.

Chemical stability: Stable under normal ambient and anticipated storage and handling

conditions of temperature and pressure.

Possibility of hazardous

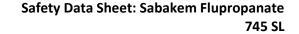
reactions:

No information available.

Conditions to avoid: Heat, sparks, open flames and other sources of ignition. Do not store

in direct sunlight.

Incompatible materials: Strong oxidising agents, strong acids and strong bases.





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Hazardous decomposition products:

Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

11. TOXICOLOGICAL INFORMATION

No specific data is available for this product as no toxicity tests have been conducted. Information presented is our best judgement based on similar products and/or individual components. As will all products for which limited data is available, caution must be exercised through the use of PPE and handling procedures to minimise exposure.

Acute toxicity: Not considered harmful and does not cause toxicity via oral, dermal and inhalation

route, according to available information.

Skin irritation: The concentrate may cause skin irritation after prolonger or repeated exposure and

may produce skin redness, swelling, the production of vesicles, scaling and

thickening of the skin.

Eye irritation: The concentrate may cause irritation of the eyes.

Respiratory orNot a skin sensitiser and not expected to be a respiratory sensitiser according to

skin available information.

sensitisation:

Germ cell Not suspected to cause genetic defects according to available data.

mutagenicity:

Carcinogenicity: Not considered to be carcinogenic according to available data.

Reproductive Not considered to be toxic to reproduction according to available data.

toxicity:

STOT-single Not expected to cause toxicity to a specific target organ according to available data.

exposure:

STOT-repeated Not expected to cause toxicity to a specific target organ according to available data.

exposure:

Aspiration Not expected to be an aspiration hazard according to available data.

hazard:

Chronic health Not expected to cause chronic health effects according to available data.

effects:

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available on this product.

Toxicity data is available on the active constituent, Flupropanate:

 LC_{50} (fish) 48h > 10 g//L

Persistence/

No information available.

Degradability:

Bioaccumulativ log Pow is < -1.9

e potential: Risk of bioaccumulation in an aquatic species is low.

Terrestrial toxicity Oral LD50 (quail, male): 6.75 g/L

ORAL LD50 (quail, female): 11g/L

Mobility in soil: Flupropanate is highly soluble in water and immobile in soil. It is resistant to

biodegradation in the soil, but is rapidly excreted in animals (flupropanate, sodium

salt administered to rats was not detected in internal organs after 14 days).



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13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations. Break, crush or puncture and dispose of empty containers in a local authority landfill. Triple rinse and bury rinsate and empty capsules in a local authority landfill. If no landfill is available, bury the containers below 0.5m in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product must not be burnt. Do NOT re-use containers for any other purpose.

14. TRANSPORT INFORMATION

Road and railNot classified as Dangerous Goods by the criteria of the Australian Dangerous **transport:**Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS

GOODS.

Marine Not classified as Dangerous Goods by the criteria of the International Maritime transport:

Dangerous Goods Code (IMDG Code) for transport by sea;

NON-DANGEROUS GOODS.

Air transport: Not classified as Dangerous Goods by the criteria of the International Air Transport

Association (IATA) Dangerous Goods Regulations for transport by air;

NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Poison schedule

6

(SUSMP):

APVMA approval 95053

no.: AICIS:

All the constituents of this material are either listed on the Australian Inventory of

Industrial Chemicals (AIIC), not required due the nature of the chemical as they are excluded as an industrial chemical (APVMA regulated product) or have been

assessed under the Industrial Chemicals Act 1989 as amended.

16. OTHER INFORMATION

General None

information:

Issue number: 001

Issue date: 02 October 2024

In any event, the review and, if necessary, the re-issue of an SDS shall be no longer than 5 years after

the last date of issue.

Reason(s) for issue: First Issue

Key abbreviations ADG Code – Australian Code for the Transport of Dangerous Goods by Road and

or Rail (7th edition)

acronyms used: AICIS – Australian Industrial Chemicals Introduction Scheme (formerly NICNAS)

AIIC - Australian Inventory of Industrial Chemicals

APVMA – Agricultural Pesticides and Veterinary Medicines Australia

GHS – Globally Harmonised System of Classification and Labelling of Chemicals

(7th revised edition) 2017

IARC - International Agency for Research on Cancer

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

(July 2023)

STEL – Short term exposure limit means the average airborne concentration of a substance calculated over a 15 minute period. The STEL should not be exceeded

at any time during a normal eight hour working day.



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SUSMP – Standard for the Uniform Scheduling of Medicines & Poisons

SWA – Safe Work Australia, formerly ASCC and NOHSC

TGA - Therapeutic Goods Australia

TWA – Time-weighted average means the average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

WHS - Workplace Health and Safety

The physical values and properties described in this SDS are typical values based on scientific literature and material produced to date, and are believed to be reliable. The manufacturer, Sabakem Pte Ltd provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. The information is supplied upon the condition that the persons receiving information will make their own determination as to the suitability for their purposes prior to use of this product. Due care should be taken to ensure that the use of this product and its disposal is in compliance with all relevant Federal, State and Local Government regulations.

End of SDS