

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Sabakem Spray Oil 822

Other means of identification:

Recommended use of the chemical and restrictions on use: Adjuvant spraying oil to improve spreading and wetting of herbicides, insecticides and defoliants on plant surfaces.

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 telephone: Poisons Information Centre 13 11 26 (24 hours)

2. HAZARDS IDENTIFICATION

Classification of the substance mixture: This material is hazardous according to Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classification of the substance or mixture:

Skin Corrosion/Irritation – Category 2

Eye Damage/Irritation – Category 1

Aspiration Toxicity – Category 1

The following environment hazard categories fall outside the scope of the Workplace Health and Safety Regulations:

Aquatic Acute Toxicity – Category 2

Aquatic Chronic Toxicity – Category 2

SIGNAL WORD: DANGER**Hazard Statement(s):**

H302 – Harmful if swallowed

H304 – May be fatal if swallowed and enters airways

H315 – Causes skin irritation

H318 – Causes serious eye damage

H401 – Toxic to aquatic life

H411 – Toxic to aquatic life with long lasting effects.

AUH066 - Repeated exposure may cause skin dryness and cracking.

Precautionary Statement(s):**Prevention:**

P264 – Wash hands or contact areas thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves, eye protection or face protection.

P273 – Avoid release to the environment.

Response:

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331 – Do NOT induce vomiting
P330 – Rinse mouth
P302 + P352 – IF ON SKIN: Wash with plenty water
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P362 + P364 – Take of contaminated clothing and wash it before reuse.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P314: Get medical advice/attention if you feel unwell.
P391 – Collect spillage.

Storage:

P405 – Store locked up.

Disposal:

P501 - Dispose of contents and container as per container label, in accordance with local/state/territory government regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion (w/w)
Paraffinic oil	64742-88-7	582 g/L
Alcohol ethoxylate	68131-39-5	120 g/L
Nonyl phenol ethoxylate	9016-45-9	120 g/L
Aromatic hydrocarbon solvent	64742-94-5	< 10%
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 inhaled, bring affected person to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen. If symptoms develop, contact a Poisons Information Centre or a doctor at once.

Skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

Eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

Ingestion: IF SWALLOWED: Do not induce vomiting without advice from the Poisons Information Centre or medical professional. Rinse mouth thoroughly. Get medical attention if you feel unwell.

First aid facilities: Eyewash and normal washroom facilities.

Medical attention and special treatment: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, dry powder, carbon dioxide.

Specific hazards arising from the substance or mixture: The product is combustible and may produce slight fire hazard when exposed to heat or flame. Substances/groups of substances such as carbon monoxide, carbon dioxide, acrid smoke, poisonous fumes and corrosive fumes may be emitted during combustion.

Special protective equipment and precautions for fire-fighters:

CARE: Water in contact with hot liquid may cause foaming and a steam explosion with wide scattering of hot oil and possible severe burns. Foaming may cause overflow of containers and may result in possible fire.

In case of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and chemical-protective clothing. Keep containers cool by spraying with water from a protected location if exposed to fire. Use water delivered as a fine spray to control fire and cool adjacent area and avoid spraying water onto liquid pools. Collect contaminated extinguishing water separately. Do not allow contaminated water to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Hazchem code:

•3Z (bulk only)

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:**

It is good practice to wear impermeable gloves when handling chemical products. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

**Methods and materials for
containment and cleaning up:**

Contain - prevent run off into drains and waterways. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

7. HANDLING AND STORAGE

**Precautions for safe
handling:**

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. Refer to Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under 'Storage' should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of the product with incompatible materials listed in Section 10.

**Conditions for safe
storage, including
any incompatibilities:**

Store packages of this product in a cool, well-ventilated 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure control
parameters:**

No value assigned for this specific material by Safe Work Australia, however the following are the exposure standards for the individual hazardous components as available and published by Safe Work Australia Workplace Exposure Standards:

Oil mist, refined mineral TWA: 5mg/m³

No biological limit allocated for the product or any of its ingredients. No biological monitoring is required.

Engineering controls:

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ensure adequate ventilation, especially in confined areas

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 protection: Use an approved respirator with Type A/organic-vapour filter under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation) and engineering controls are not feasible. Consult AS/NZS 1715 and AS/NZS 1716 for further information.

Eye and face protection: Avoid contact with eyes. Wear a face shield when opening the container, preparing and using the prepared spray. When using in enclosed areas, wear goggles and half face piece respirator combined with dust and gas cartridge. Consult AS/NZS 1336 and AS/NZS 1337 for further information.

Skin protection: 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.

Trousers, long sleeved shirt /cotton overalls buttoned to the neck and wrist, and closed in shoes or safety footwear should also be worn as a general precaution. Consult AS/NZS 2210 and AS/NZS 2919 for further information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	No data available
Odour:	No data available
pH:	No data available
Specific gravity:	No data available
Melting point/Freezing point:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation point:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Solubility:	No data available
Partition coefficient: n- octanol/water	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

10. STABILITY AND REACTIVITY

Reactivity:	No known reactivity hazards associated with this product, under normal conditions of use. Avoid strong acids/bases and oxidising agents.
Chemical stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions:	No hazardous reactions if stored and handled as indicated. The product is chemically stable.
Conditions to avoid:	Do not store in direct sunlight. Excessive heat and ignition sources.
Incompatible materials:	Avoid reaction with strong acids/bases, oxidising agents i.e., nitrates, oxidising acids, chlorine bleaches, pool chlorine, etc.
Hazardous decomposition products:	No hazardous decomposition products if stored and handled as indicated. Thermal decomposition may produce toxic fumes and compounds.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not harmful and does not cause toxicity via oral route, according to available information.
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Skin irritation:	Is considered a skin irritant according to available information.
Eye irritation:	Causes serious eye damage according to available information.
Respiratory or skin sensitisation:	Not a skin sensitiser and not expected to be a respiratory sensitiser according to available information.
Germ cell mutagenicity:	Not suspected to cause genetic defects according to available data.
Carcinogenicity:	Not considered to be carcinogenic according to available data.
Reproductive toxicity:	Not considered to cause reproductive toxicity according to available data.
STOT-single exposure:	Not expected to cause toxicity to specific target organ according to available data.
STOT-repeated exposure:	Not expected to cause toxicity to specific target organ according to available data.
Aspiration hazard:	May be fatal if swallowed and enters airways according to available data
Chronic health effects:	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Available information on this product indicates that this product is harmful to aquatic life with long lasting effects. Toxicity data on the active ingredient: Alcohol ethoxylate LC50 (fish) 96h = 0.628mg/L NOEC (21 days) aquatic invertebrates: 0.04 mg/L
Persistence/ Degradability:	No information available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product. DO NOT re-use container for any other purpose.
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14. TRANSPORT INFORMATION

Road and rail transport:	Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in; (a) packaging's that do not incorporate a receptacle exceeding 500 Kg (L); or (b) IBCs.
Marine transport:	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; MARINE POLLUTANT UN Number: 3082 Proper Shipping Name or Technical Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS NONYL PHENOL ETHOXYLATE AND ALCOHOL ETHOXYLATE)



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Transport Hazard Class:	9
Packaging Group:	III
IMDG EMS Fire:	F - A
IMDG EMS Spill:	S - F
Environmental hazards:	Yes. Marine Pollutant substance(s): Nonyl phenol
Additional Information:	The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg.
Air transport:	IATA provision SP A197: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code when transported air in; packages that have inner packages (plastic bottles, glass bottles, plastic bags) of 5 L for UN3082 and 5 kg for UN3077 or less.

15. REGULATORY INFORMATION

Poison schedule (SUSMP):	Schedule 5
APVMA approval no.:	94553
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 or have been assessed under the Industrial Chemicals Act 1989 as amended.

16. OTHER INFORMATION

General information:	None
Issue number:	001
Issue date:	20 June 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 Five-year update and updated the GHS hazard classification.
Key abbreviations or acronyms used:	ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) 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 (June 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. 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 Pty 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