

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIERS****1.1 Product identifiers**

Product Name: Methyl Chavicol (Estragole)

**1.2 Recommended use of chemical and restrictions of use**

Identified uses: Industrial chemicals, Manufacture of substances

**1.3 Details of the supplier of the safety data sheet**

Company name: Baker & Co Ingredients Pty Ltd  
Street Address: 11 Yulong Close  
Moorebank NSW 2170  
Australia

Telephone Number: +61 2 9612 6600  
Facsimile: +61 2 9602 6866  
Emergency Telephone: 1 300 682 868 (ALL HOURS)

**2. HAZARD IDENTIFICATION****2.1 GHS classification(s)**

Acute Toxicity - Oral	Category 4
Respiratory or Skin Sensitization	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 2

**2.2 GHS label elements, including precautionary statements**

Pictogram(s)



Signal word: WARNING

**Hazard statement(s)**

H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer

**Precautionary statement(s)****Prevention**

P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P301 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell

P302 + P352 IF ON SKIN: Wash with plenty of water  
 P308 + P313 IF exposed or concerned: Get medical advice/attention.  
 P321 Specific treatment (see first aid treatment on safety data sheet)  
 P330 Rinse mouth  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage

P405 Store locked up

### Disposal

P501 Dispose of contents/container to an approved waste disposal plant

**2.3 Poisons Schedule (SUSMP):** None allocated

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

Component principle	CAS number	EINECS number	Proportion [%w/w]
Methyl Chavicol	140-67-0	205-427-8	>98.5%

## 4. FIRST AID MEASURES

### 4.1 General advice

Contact a Poisons information centre (In Australia ph 131 126; New Zealand ph 0800 764 766) or consult with a physician. Show this safety data sheet to the doctor in attendance.

### 4.2 Inhalation

Remove affected person into fresh air - avoid inhalation. Allow patient to assume comfortable position for breathing and keep warm. If not breathing, perform artificial respiration (CPR). Seek medical advice.

### 4.3 Skin Contact

Immediately remove any contaminated clothing, wash skin and hair with plenty of soap and water. If skin swelling, redness, blistering or other irritation occur, Seek medical advice.

Ensure contaminated clothing is washed before reuse.

### 4.4 Eye Contact

Rinse cautiously with plenty of water for at least 15 minutes. Seek medical advice.

### 4.5 Ingestion

If swallowed DO NOT induce vomiting. Rinse mouth with water. Consult a physician.

### 4.6 Most important symptoms and effects, both acute and delayed

These symptoms and effects are described in the GHS labelling elements (see section 2) and/or in section 11.

### 4.7 Indication of any immediate medical attention and special treatment needed.

No data available

## 5. FIRE FIGHTING MEASURES

### 5.1 Suitable extinguisher equipment

Water spray, fog, carbon dioxide, dry chemical or alcohol resistant foam

### 5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

**5.3 Special protective equipment and precautions for fire fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Do not inhale vapours/aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate personnel to safe areas.

Further information regarding personal protection. (see Section 8)

**6.2 Environmental precautions**

Contain spill to prevent run off into drains and waterways. If contamination of sewers or waterways has occurred advise local emergency services.

**6.3 Environmental materials for containment and cleaning up**

Wipe up with absorbent material (e.g. cloth) and place in container for disposal according to local regulations.

**6.4 Reference to other sections**

For further information regarding disposal, see Section 13

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour and mist. Keep away from sources of ignition - No smoking, flares, sparks or flames. Take measures to prevent the build up of electrostatic charge.

For precautions, see Section 2.2

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

Keep container tightly closed in a cool, dry and well-ventilated place.

**7.3 Specific end use(s)**

A part from the uses mentioned in Section 1.2 no other specific uses stipulated.

**8. EXPOSURE CONTROLS/PERSONNEL PROTECTION****8.1 Control parameters**

Not aware of any national exposure limits

**8.2 Exposure controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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

Selection of PPE should be dependent on independent situational risk assessment. This assessment should consider the physical form of material, operational processes, and environmental factors.

**Eye/face protection**

Safety eyewear with side -shield conforming to AS/NZS 1337 part 1-6: Eye protectors for industrial applications.

**Skin protection**

Selection of protective gloves are to satisfy AS/NZS 2161 Set: 2008: Occupational protective gloves. Wear gloves when handling. Glove should be inspected for defects prior to use. Removal of gloves after use should avoid contact with skin. Dispose contaminated gloves after use in accordance with applicable laws and with typical good laboratory practice.

### Body protection

Flame retardant antistatic protective clothing. Type of clothing must be selected according to concentration, amount and specific work process involving the substance.

### Respiratory protection

Use full face respirator as a back up to engineering controls. Respiratory protective devices are to satisfy AS/NZS 1715:2009. Selection, use and maintenance of respiratory protective devices.

### General

Always wash hands before smoking, eating drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage and re-use. Apply skin protective barrier cream.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Form:	liquid
	Colour:	colourless to pale yellow
Odour:		sweet, herbaceous, anise-fennel type
Odour threshold:		no data available
pH:		no data available
Melting point/Freezing point:		no data available
Initial boiling point and boiling range:		215-216°C
Flash point:		81°C
Evaporation rate:		no data available
Flammability:		no data available
Upper /lower flammability or explosive limits:	Upper:	no data available
	Lower:	no data available
Vapour pressure:		no data available
Vapour density:		no data available
Relative density:	@ 25/25°C	0.9500 - 0.9800
Solubility:		water insoluble
Partition coefficient: n-octanol/water:		no data available
Auto-ignition temperature:		no data available
Decomposition temperature:		no data available
Viscosity:		no data available
Explosive properties:		no data available
Oxidizing properties:		no data available

### 9.2 Other safety information

No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reaction

May form flammable/explosive vapour-air mixture

### 10.4 Conditions to avoid

Heat, flames and sparks

**10.5 Incompatible material**

Strong oxidizing agents

**10.6 Hazardous decomposition products**

No data available

In the event of fire, see Section 5

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity**

LD50 Oral (rat): 1250 mg/kg

LD50 Dermal (rabbit): >5000 mg/kg

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

May cause an allergic skin reaction

**Germ cell mutagenicity**

Suspected of causing genetic defects

**Carcinogenicity**

Suspected of causing cancer

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional information**

No data available

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Result of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

No data available

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product**

Contact a licensed professional waste disposal service to dispose of this material. Refer to Waste Management Authority.

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORT INFORMATION****14.1 UN number**

ADR/RID: Not assigned      IMDG: Not assigned      IATA-DGR: Not assigned

**14.2 UN proper shipping name**

ADR/RID: Not regulated as dangerous goods

IMDG: Not regulated as dangerous goods

IATA-DGR: Not regulated as dangerous goods

**14.3 Transport hazard class(es)**

ADR/RID: Not assigned      IMDG: Not assigned      IATA-DGR: Not assigned

**14.4 Packaging group**

ADR/RID: Not assigned      IMDG: Not assigned      IATA-DGR: Not assigned

**14.5 Environmental hazards for transport purposes**

ADR/RID: not available      IMDG: not available      IATA-DGR: not available      Marine pollutant: not available

**14.6 Special precautions for user**

See Section 6 - 8

**14.7 Additional information**

No data available

**15. REGULATORY INFORMATION****Incumbent safety, health and environmental regulations for the substance(s).****Standard for the Uniform scheduling of Medicines and Poisons**

Not listed in POISONS STANDARD MARCH 2016

**Carcinogen classification under WHS Regulation 2011, Schedule 10**

Not listed in Workplace Exposure Standards for Airborne Contaminants

**Notifications and assessment status**

AICS: Listed and in compliance of this inventory database

DSL: All components of this product are on the Canadian DSL

ENCS: Listed and in compliance of this inventory database

IECSC: Listed and in compliance of this inventory database

ISHL: Listed and in compliance of this inventory database

KECI: Listed and in compliance of this inventory database - KE-23383

NZIoC: Listed and in compliance of this inventory database - may be used as a single component chemical under an appropriate group standard

PICCS: Listed and in compliance of this inventory database

## 16. OTHER INFORMATION

### Reason(s) for issue

Alignments to GHS requirements

### Further information

All information is believed to be correct but is not purport to be all inclusive and should be used as a general guidance only. Information to the best of our knowledge date of issue and is applicable to the product with regards to appropriate safety precautions. Baker & Co Ingredients Pty Ltd and its affiliates shall not be held liable for any damages resulting from handling or from contact with the above mentioned material(s).

Baker & Co Ingredients Pty Ltd's responsibilities for material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

If further information or clarification is needed related to this document , contact Baker & Co Ingredients Pty Ltd and its representatives at the contact details in Section 1.