



Safety Data Sheet

Conforms to the requirements of the Global Harmonized Systems (GHS)

DIETHYL GLYCOL MONOETHYL ETHER

Revision Date: 24/05/2018

ACDIGLYME

Version: 2

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1. **Identification of the substance / mixture**

Trade name: Cas Number: 111-90-0

Fema Number:

Einecs Number:

1.2. **Relevant Identified uses of the substance or mixture and uses advised against**

Raw material for the manufacture of fragrances and/or flavourings.

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

Aromatic Ingredients Pty Ltd

1/8 Technology Circuit

Hallam, Victoria, 3803

Telephone: +61 (3) 9078 0001 Fax: +61 (3) 9078 0002

Email: sales@aromaticingredients.com.au

1.4. **Emergency Number**

+61 (3) 9078 0001 Monday-Friday, 8.30am to 4.00pm

Poison Information Centres can provide additional assistance on 13 11 26

(Australia Wide)



2. HAZARDS IDENTIFICATION

2.1. **Classification of the Substance or mixture**

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

2.2. **Label Elements**

Not hazardous

Hazard Statement

Not hazardous

Precautionary Statement

- P210 - Keep away from heat/sparks/open flames/hot surfaces - no smoking.
- P233 - Keep container tightly closed.
- P235+P402+P403+P404+P410+P501 - Keep Cool. Store in a dry place. Store in well-ventilated place. Store in a closed container. Protect from sunlight. Dispose of contents/container according to local legislation
- P264 - Wash thoroughly after handling.
- P281+P362 - Use personal protective equipment as required. Take off contaminated clothing and wash before reuse.
- P501 - Dispose of contents/container according to local legislation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Diethylene Glycol Monoethyl Ether 100%
CAS Number 111-90-0



4. FIRST AID

4.1. **Description of necessary first aid measures**

Ingestion:

Rinse mouth with water.

Obtain medical advice

Keep at rest. Do not induce vomiting.

In case of contact with eyes, rise immediately with plenty of water for at least 15 minutes and seek medical attention.

Remove person to fresh air and keep at rest.

Seek immediate medical advice.

Take off immediately all contaminated clothing.

Eye Contact

Thoroughly wash affected skin with soap and water.

4.2. **Most important symptoms and effects, both acute and delayed.**

No information available

4.3. **Indication of any immediate medical attention and special treatment needed.**

No information available



4.4.

5. FIRE-FIGHTING MEASURES

5.1. **Extinguishing Media**

Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reason do not use full water jet.

5.2. **Special hazards arising from the substance or mixture**

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3. **Advise to firefighters**

High Temperatures can lead to high pressures inside closed containers. Avoid Inhalation of vapours that are created. use appropriate respiratory protection. Do not allow spillage of fire to be poured into drains or watercourses Wear self-contained breathing apparatus and protective clothing.



6. ACCIDENTAL RELEASE MEASURES.

6.1. **Personal precautions, protective equipment and emergency procedures.**

Evacuate surrounding areas, Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering. Do not breathe vapour/spray. Avoid contact with skin and eyes. information regarding personal protective measures: see section 8.

6.2. **Environmental precautions**

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or ground waters.

6.3. **Methods and material for containment and clean up**

Cover with an inert, inorganic, non-combustible absorbent material (e.g., dry-lime, sand, soda ash) Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition (e.g., pilot lights on gas hot water heater. Ventilate area and wash spill site after material pick up is complete.

6.4. **Reference to other sections**

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.



7. HANDLING AND STORAGE

7.1. **Precautions for safe handling.**

Do not store or handle this material near food or drinking water. Do not smoke. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses. Observe the rules of safety and hygiene at work. Keep in the original container or an alternate made from compatible material.

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

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from sunlight. Keep away from sources of ignition (e.g., hot surfaces, sparks, flame and static discharges). Keep away from incompatible material (see section 10).

7.3. **Specific end use(s)**

No information available.



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. **Control Parameters**

Components with occupational exposure limits: None Known.

8.2. **Exposure Controls**

Measures should be taken to prevent materials from being splashed into the body.

Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.

8.3. **Individual protection measures, such as personal protective equipment**

- Eye / Face protection: Chemical safety goggles are recommended, Wash contaminated goggles before reuse.
- Hand Protection: Chemical-resistant gloves are recommended, Wash contaminated gloves before reuse.
- Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
- Respiratory Protection: In case of insufficient ventilation, use suitable respiratory equipment,
- Environmental Protection: Emissions from ventilation or process equipment should be checked to ensure they comply with environmental protection legislation. In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Limpid liquid
Colour	Clear colourless
Odour	Mild odour
Odour threshold	Not determined
pH	Not determined
Melting point/freezing Point	Not determined
Boiling point/boiling range	195-205 deg C
Flash point	96 deg C
Evaporation Rate	Not determined
Flammability	Not determined
Lower flammability/ Explosive limit	1.2%
Upper flammability / Exposure limit	23.5%
Vapour Pressure	0.16hPa torr (@20 deg c)
Vapour Density	4.63
Density	0.980 - 1.010
Relative Density	Not determined
Water solubility	Not determined
Soluble in other solvents	Not determined
Partition co-efficient n-octanol/water	Not determined
Decomposition temperature	Not determined



Viscosity, dynamic	Not determined
Viscosity, kinematic	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

10. STABILITY AND REACTIVITY

10.1. **Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. **Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

10.3. **Possibility of hazardous reactions**

No hazardous reactions if stored and handled as prescribed/indicated

10.4. **Conditions to Avoid**

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5. **Incompatible materials**

Avoid contact with strong acids and bases and oxidising agents.

10.6. **Hazardous decomposition products**

During combustion may form carbon monoxide and unidentified organic compounds.



11. TOXICOLOGICAL INFORMATION

Acute toxicity	Based on the data available, the criteria for classification are not met.
Skin corrosion/irritation	Based on the data available, the criteria for classification are not met.
Serious eye damage / irritation	Based on the data available, the criteria for classification are not met.
Respiratory or skin sensitisation	Based on the data available, the criteria for classification are not met.
Germ cell mutagenicity	Based on the data available, the criteria for classification are not met.
Carcinogenicity	Based on the data available, the criteria for classification are not met.
Reproductive toxicity	Based on the data available, the criteria for classification are not met.
STOT-single exposure	Based on the data available, the criteria for classification are not met.
STOT- repeated exposure	Based on the data available, the criteria for classification are not met.
Aspiration hazard	Based on the data available, the criteria for classification are not met.



12. ECOLOGICAL INFORMATION

12.1. **Toxicity**

Assessment: Toxicity for fish: LC50 (96h) : 1, 840 mg/l. Toxicity for daphnia and other aquatic invertebrates: EC50 (48h) : 1,983 mg/l. Experimental / calculated data: No information available.

12.2. **Degradability**

No information available.

12.3. **Bioaccumulative potential**

No information available.

12.4. **Soil mobility**

No information available.

12.5. **Other adverse effects**

See also sections 6, 7, 13 and 15. Do not allow to get into waste water or waterways.

13. DISPOSAL CONSIDERATION

13.1. **Waste treatment methods**

Dispose of in accordance with the national and local environmental regulations.



14. TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
14.1. UN Number	Not classified as hazardous goods	Not classified as hazardous goods	Not classified as hazardous goods
14.2. Proper Shipping Name	Not applicable	Not applicable	Not applicable
14.3. Transport Haz Class (es)	Not applicable	Not applicable	Not applicable
14.4. Packing Group	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	No	No	No

Additional Information

14.6. **Special Precautions for user**

No information available

14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available

15. SAFETY, HEALTH AND THE ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE.

All of the significant ingredients in this formulation are compliant with NICNAS regulations.



16. OTHER INFORMATION

Full text of the R-phases, hazard statements and precautionary statements mentioned in section 3.

No information available.

The information included in this data sheet is based on the available data at the moment the document was issued, It is meant to be a description of safety requirements for our product and does not stand for a guarantee of its properties. The user is responsible for taking all necessary steps leading to compliance with the local rules and legislation.

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