

# Safety Data Sheet

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

DIETHYL GLYCOL MONOETHYL ETHER

ACDGLYME

Revision Date: 24/05/2018

Version: 2

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

### 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. Emergency Number

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

Posion Information Centres can provide additional assitance 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.

### 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.

### 2.2. Label Elements

**Not hazardous**

### 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

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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.

Thoroughly wash affected skin with soap and water.

Eye

Contact:

#### 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

### 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: Emittes 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 groundwaters.

#### 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 alternative 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.

**8.1. 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.

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

### 15.1 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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