

## 1. IDENTIFICATION

**Product Name:** Premium Diffuser Base Oil  
**Other Names:** None  
**Product Use Description:** Fragrances

Contact Information:	Organisation	Location	Telephone	Ask For
	Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown SA 5039 Australia	08 8294 0451	SDS Officer
	Poisons Information Centre		13 11 26	

## 2. HAZARD IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.  
 NON-DANGEROUS GOODS.

**Classification of the chemical:** Flammable Liquid, Hazard Category 4  
 Eye Damage / Irritation Category 2  
 H227, Combustible liquid.  
 H319, Causes serious eye irritation.

**Signal Word:** WARNING

**Pictogram:**



**Hazard Statement(s):** H227, Combustible liquid.  
 H319, Causes serious eye irritation.

**Precautionary Statement(s):** P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
 P264, Wash hands and other contacted skin thoroughly after handling.  
 P280, Wear protective gloves/eye protection/face protection.  
 P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337/313, If eye irritation persists: Get medical advice/attention.  
 P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
 P403/235, Store in a well-ventilated place. Keep cool.  
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	EC Number	%	GHS Classification
Isopropylidenglycerol	100-79-8	202-888-7	50-100%	Flam. Liq. 4-Eye Irrit. 2A;H227-H319
Ethyl alcohol	64-17-5	200-578-6	1-<5%	Flam. Liq. 2-Eye Irrit. 2A;H225-H319
Butylated hydroxytoluene	128-37-0	204-881-4	0.1-<1%	Aquatic Acute 1-Aquatic Chronic 1;H410

Substances with Community workplace exposure limits, not listed above:

Components	CAS Number	EC Number	%
Butylated hydroxytoluene	128-37-0	204-881-4	0.10%
Ethyl alcohol	64-17-5	200-578-6	3.00%

## 4. FIRST AID MEASURES

<b>Eye Contact:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Most Important Symptoms and Effects, Acute and Delayed:</b>	Causes serious eye irritation.
<b>Indication of any immediate medical attention and special treatment needed:</b>	None expected.

## 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Carbon dioxide, Dry chemical, Foam.
<b>Specific hazards arising from the chemical:</b>	Carbon monoxide, Unidentified organic compounds.
<b>Advice for fire fighters:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, Protective equipment, Emergency Procedures:</b>	Avoid inhalation. Avoid contact with skin and eyes.
<b>Environmental precautions:</b>	Keep away from drains, surface and ground water, and soil.
<b>Methods and materials for containment and cleaning up:</b>	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.
<b>Reference to other sections:</b>	Also refer to sections 8 and 13.

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Keep away from heat, sparks, open flames, and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink, or smoke when using this product.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
<b>Specific end use(s):</b>	Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace exposure limits:

Ingredient	CAS	EC	Description	ppm	Mg/ m <sup>3</sup>	Reference
Butylated hydroxytoluene	128-37-0	204-881-4	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minutereference period)	-	-	-
Ethyl alcohol	64-17-5	200-578-6	Long-term exposure limit (8-hour TWA reference period)	-	-	-
			Short-term exposure limit (15-minutereference period)	-	-	-

**Exposure Controls**  
**Eye/Skin Protection:** Wear protective gloves/eye protection/face protection.

**Respiratory Protection:** Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures:

- a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant.
- b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters.
- c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures.
- d) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Colour:** Colourless – Faint Yellow  
**Aroma/Odour:** Conforms to Standard  
**Flash Point (°C):** 80 °C  
**Relative Density:** 1.0520 – 1.0660  
**Vapour Pressure (20 °C):** Not determined  
**pH:** Not determined  
**Initial boiling point/range:** Not determined  
**Solubilities:** Not determined

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Good stability under normal storage conditions.

**Reactivity:** Presents no significant reactivity hazard, by itself or in contact with water.

**Possibility of hazardous Reactions:** Not expected under normal conditions of use.

**Conditions to avoid:** Avoid extreme heat.

**Incompatible materials:** Avoid contact with strong acids, alkalis, or oxidising agents.

**Hazardous decomposition products:** Not expected.

## 11. TOXICOLOGICAL INFORMATION

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Causes serious eye irritation.

**Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity:** Not Applicable  
**Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity:** Not Applicable  
**Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity:** Not Available  
**Inhalation Route:** Not available.

**Information about hazardous ingredients in the mixture:** Not Applicable

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Not available.  
**Persistence/degradability:** Not available.

**Bioaccumulative potential:** Not available.  
**Mobility in soil:** Not available.  
**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.  
**Other adverse effects:** Not available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

**UN number:** Not classified  
**UN Proper Shipping Name:** -  
**Transport hazard class(es):** Not classified  
**Sub Risk:** Not classified  
**Packing Group:** Not classified  
**Environmental hazards:** Not environmentally hazardous for transport  
**Special precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**  
 Not classified

### 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Water Hazard Class (WGK):** 1  
**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out for this product.

### 16. OTHER INFORMATION

**Concentration % Limits:** EDI 2A=10.28%  
**Total Fractional Values:** EDI 2A=9.73  
**Key to revisions:** Not applicable

**Key to abbreviations:**

Abbreviation	Meaning
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Flam. Liq. 2	Flammable Liquid, Hazard Category 2
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
H225	Highly flammable liquid and vapour.
H227	Combustible liquid.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash hands and other contacted skin thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: Get medical advice/attention.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.

#### Further Information

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. All data, instructions, recommendations and/or suggestions are made without guarantee.

Since Adelaide Moulding and Candles Supplies cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. This document is not intended for quality assurance purposes.

If clarification or further information is needed, the user should contact the product representative via contact details on page 1.