

## MATERIAL SAFETY DATA SHEET


### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

<b>1.1. Product Name</b>
Eucalyptus Peppermint Essential Oil (Dives)
<b>1.2. INCI Name</b>
Eucalyptus Dives Leaf/Twig Oil

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>2.1. Ingredients</b>			
NAME	CAS NO.	EC NO.	% COMPOSITION
Eucalyptus Peppermint (Dives) Essential Oil	90028-48-1	289-839-3	100 %

### 3. HAZARD IDENTIFICATION

GHS Classification	Flammable Liquids - Category 3 Acute Toxicity - Category 4 Eye irritation - Category 2A
GHS Label elements	

### 4. FIRST AID MEASURES

<b>4.1. Description of first aid measures</b>	
Eye contact	Causes serious eye irritation. If in eyes, immediately flush eyes with plenty of cool water for at least 15 minutes. Remove contact lenses if worn and accessible. Get medical attention if irritation occurs.
Skin contact	Wash the affected area thoroughly with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops.
Inhalation	If fumes or vapours are inhaled, or breathing difficulty is experienced, remove the victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek immediate medical attention if breathing difficulty persists.
Ingestion	If the chemical is swallowed, call a physician or poison control centre for the most current information. If no professional advice is available, DO NOT induce vomiting, rinse the mouth. Never induce vomiting or give diluents (milk or

Hazard Statements	H226 Flammable liquid and vapour H315 Causes skin irritation H319 Causes serious eye irritation
Precautionary Statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P337+P313 If eye irritation persists, get medical advice/attention. P337+P313 If eye irritation persists, get medical advice/attention. P370+P378 In case of fire: Use appropriate fire extinguisher to extinguish. P403+P235 Store in a well ventilated place. Keep cool. P501 Dispose of contents/container according to local regulations.
	water) to someone who is unconscious, having convulsions or who cannot swallow. Victims of chemical exposure must be taken for medical attention. Take a copy of the label and SDS with the victim to a health professional.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media	Carbon dioxide, foam, dry chemical, halon or water fog/mist.
Unsuitable extinguishing media	Do not use a full water jet.
Special protective equipment and precautions for fire-fighters	Incipient fire responders should wear eye protection. Structural fire fighters must wear self-contained breathing apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from the fire area if this can be done without risk; otherwise keep containers cool Page 2/6 with carefully applied water spray/mist. If possible, prevent runoff water from entering storm drains, bodies of water or other environmentally sensitive areas.
Special hazards arising from the substance or its combustible products	This product is flammable & vapours may travel some distance and flash back if ignited. May produce toxic fumes of carbon monoxide and/or carbon dioxide and hydrocarbons if burning.
Resulting gases	Carbon oxides, fumes of carbon oxides and hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin
Environmental Precautions	Prevent run-off into drains and waterways. Decontaminate the area thoroughly. Do not mix with wastes from other materials. Dispose of in accordance with applicable Federal, State and Local procedures (see Section 13).
Spill Methods and materials for containment and cleaning up	Contained spilled material using poly-pads or other suitable absorbent material. Avoid generating mists or sprays. Place all spill residues in an appropriate container and seal. Ventilate area and wash spill area after material pick up is complete.

## 7. HANDLING AND STORAGE

Usage Precautions	Read all labels before use. As with all chemicals; avoid getting this product on you or in you. Wear protective equipment (see Section 8) and wash thoroughly after handling this product. Do not eat, drink or smoke or apply cosmetics while handling this product. Avoid breathing mists or sprays generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.
Storage Conditions for safe storage, including any incompatibilities	Observe all Federal and State regulations pertaining to the storage and handling of flammable liquids. Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use. Store away from sources of heat or ignition (sparks, open flame, hot surfaces). Store away from incompatible materials (oxidising agents and acids). Inspect regularly for damage and leaks. Take precautionary measures against static discharge: Ground container and receiving equipment, use only non-sparking tools and use explosion proof electrical and other equipment.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below.
Eyes	Splash goggles or safety glasses with side shields are recommended. If necessary, refer to US OSHA Standard 29 CFR 1910.133, the European Standard EN 166, the appropriate Australian Standards, Canadian Standards, or the relevant Japanese Standards.
Skin	<b>HAND:</b> Compatible protective gloves are recommended. Wash hands after removing gloves. <b>BODY:</b> Use body protection appropriate to the task. Coveralls, rubber aprons or chemical protective clothing made from natural rubber are generally acceptable depending on the task. If a hazard of injury to the feet exists due to falling objects, rolling objects or where objects may pierce the soles of the feet or where an employee's feet may be exposed to electrical hazards, use foot protection in accordance with US OSHA 29 CFR 1910.136. If necessary, refer to the appropriate Australian Standards, Canadian Standards, or the relevant Japanese Standards.
Respiratory	If exposure limits are exceeded, use only protection authorised in the US Federal OSHA Respiratory Standard 29 CFR 1910.134, equivalent US State Standards, Canadian CSA Standard Z94.4-93, the European Standard EN 149 or equivalent EU member State Standards.

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Ingestion	Not for ingestion.
Control parameters	Control parameters
Exposure limit values	Not available
Biological limit values	Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Clear, pale yellow to orange red
Odour	Characteristic eucalyptol odour
Flash point	100 °C
Relative density	0.885 to 0.906 at 20 °C
Refractive index	1.4769 to 1.4814 at 20 °C
Optical Rotation	-73.5° to -43.8° at 20 °C
Boiling point	174 to 176 °C
Melting point	1.5 °C (M.P.)
Vapour pressure	No additional data available
Solubility in water @ 20°C	Soluble in alcohol and oils. Insoluble in water.
Flash Point	48°C

## 10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Chemically stable.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Excessive heat, sparks, flames and other sources of ignition.
Incompatible materials	Strong oxidising or reducing agents. Protect from air.
Hazardous decomposition products	Carbon oxides and hydrocarbons.

Disclaimer: As the users' condition of work is not known, the information contained in this Material Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. The product must not be employed for uses other than those specified without having previously obtained written handling instructions. Users are responsible for taking all necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our products and not as a guarantee of its properties.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral LD <sub>50</sub> rat: 1900 mg/Kg, Dermal LD <sub>50</sub> rabbit: > 5000mg/Kg.
Carcinogenicity	None of the components of this material are listed as a carcinogen.
Inhalation	Potential irritant. Over-exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.
Skin contact	Potential irritant. May cause erythema, irritation or edema if oil is oxidised. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
Eye contact	Severe irritation. May cause redness, irritation or edema.
Ingestion	May be harmful if swallowed. May result in allergic dermatitis, hallucination, ataxia, diarrhoea, central nervous system depression, sleep or coma.
Repeated exposure	With repeated exposure this product may cause damage to the following organs: Blood, skin, central nervous system.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not acutely toxic to fish LC <sub>50</sub> > 100 mg/L (OECD 203).
Persistence and degradability	Readily biodegradable
Bio - accumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	None known.

## 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of product in accordance with local, state or provincial and federal regulations. Check with the local municipal authority to ensure compliance.
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## 14. TRANSPORT INFORMATION

Proper Shipping Name	Extracts, aromatic, liquid
UN No	1169
Transport hazard class	3
Packing group	iii
US DOT Shipping Description (Land)	1169
Proper shipping name	Extracts, aromatic, liquid

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Class	3
Packaging group	iii
IMO-IMDG Shipping Description (Sea)	1169
Proper shipping name	Extracts, aromatic, liquid
Class	3
Packaging group	iii
IATA Shipping Description (Air)	1169
Proper shipping name	Extracts, aromatic, liquid
Class	3
Packaging group	iii

#### 15. REGULATORY INFORMATION

GHS Hazard Statements	Please refer to section 2.
GHS Precautionary Statements	Please refer to section 2.