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MATERIAL SAFETY DATA SHEET FOR SWEET ALMOND OIL

Prunus amygdalus. Product Reference: T500

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This carrier vegetable oil obtained by expression of Sweet Almonds. Chemically it is the glyceride esters of fatty acids: principally Oleic Acid 60 –75%. The oil is non hazardous.

2. HAZARDOUS IDENTIFICATION: This product is non hazardous

3. FIRST AID PROCEDURES:

Skin Contact: Wash off with soap and water.
Eye Contact: Rinse with sterile water.
Inhalation: Oil is non volatile
Ingestion: If swallowed do not induce vomiting; seek medical advise

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used
Unsuitable Extinguishers: Direct water jet
Fire Hazard: Productions of combustion Oxides of Carbon burning fumes are acrid.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear suitable clothing for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers: if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended)
Ventilation: Good ventilation required
Storage Conditions: Store at ambient temperature in a dark container, Store away from oxidising substances e.g Bleach. Store in full containers; stainless steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Not applicable
Hand Protection: Wear gloves
Eye Protection: Wear goggles if handling bulk
Skin protection: Wear suitable protection clothing.

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid
Odour:	Typical fatty oil
Colour:	Pale Straw
Solubility:	a. Solvent – Soluble b. Alcohol – Slightly soluble c. Water – Insoluble
Specific Gravity:	25°C 0.910-0.915

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months.

Synergistic Reaction:	None
Materials to avoid:	Oxidising Agents
Polymerisation Hazard:	None

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	None
Skin Contact:	None
Eye Contact:	None
Ingestion:	None

11. ECOLOGICAL DATA

This product is not known to be harmful to the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Not required
Rail:	Not required
Air:	Not required

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn R10
Labels for Supply:	Xn R10 R65 S62

15. FURTHER INFORMATION:

Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.

Safety information is under continuous review.



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MATERIAL SAFETY DATA SHEET FOR
Bergamot Oil FCF
Citrus Bergamia, Product Reference T103
EINECS CAS 89957-91-5 USA CAS 8007-75-8

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is a natural Essential Oil vacuum fractionated from Bergamot Oil to remove the waxes. The principal constituents are α -Pinene, β -Pinene, d-Limonene, Linalool and related materials. The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The Hydrocarbon content is 40%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Clear Mobile Liquid.
Odour:	Typical Bergamot.
Colour:	Water White – Pale Yellow.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	50°C. C.O.C.
Specific Gravity:	20°C 0.860 – 0.870.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Non Hazardous.
Skin Contact:	Concentrated oil can cause skin degreasing with some irritation.
Eye Contact:	Can be irritating to eyes.
Ingestion:	Low oral toxicity.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Not Hazardous.
Rail:	Not Hazardous.
Air:	Not Hazardous.

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn Harmful. R10 Flammable.
Labels for Supply:	Xn.

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR
Chamomile Oil, Roman (also known as Chamomile Oil, English)

Anthemis Noblis, Product Reference T105
EINECS CAS 84082-60-0 USA CAS 8015-92-7

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This Essential Oil is steam distilled from the white flowering tops of the Chamomile herb.
The oil is classified as non hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is not required to be labelled according to the regulation 96/54/EC governing hazardous substances. Hydrocarbon content is 15%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice immediately and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Herbaceous.
Colour:	Light Blue. (On aging Green – Brown.)
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	>50°C
Specific Gravity:	20°C 0.901 – 0.906.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

n.b. This oil should be stored at a temperature of 5.0°C or below to maintain the quality of the oil.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Non Hazardous.
Skin Contact:	Concentrated oil may cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Irritant.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Not classified.
Rail:	Not classified.
Air:	Not classified.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	R10. Flammable
Labels for Supply:	None. Product label only.

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR
Clary Sage
Salvia Sclarea, Product Reference T107
EINECS CAS 84775-83-7 USA CAS 8016-63-5

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is a natural Essential Oil and is produced in Russia by steam distillation of the herb Salvia Sclarea. The oil is classified as non hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is not required to be labelled according to the regulation 96/54/EC governing hazardous substances.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Sage-like.
Colour:	Water white - pale yellow
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	57°C.
Specific Gravity:	0.890 – 0.906.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil can cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Harmful if swallowed.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xi Xn - Hazardous
Rail:	Xi Xn - Hazardous
Air:	Xi Xn - Hazardous
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn - Harmful
Labels for Supply:	Xn. Product label only.

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR
Geranium Oil, Egyptian
Pelargonium Graveolens, Product Reference T176
EINECS CAS 90082-51-2 USA CAS 8000-46-2

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

The essential oil is steam distilled in Egypt from the Geranium plant. The principal constituents are Rhodinol (Citronellol/Geraniol), Terpenes and Esters.

The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. Hydrocarbon content is 15%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice immediately, show label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Rose-like.
Colour:	Dark Green - Brown.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	85°C
Specific Gravity:	20°C 0.897 – 0.898.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil may cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Hazardous.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn. R65.
Rail:	Xn. R65.
Air:	Xn. R65.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn Hazardous.
Labels for Supply:	Xn. R65. S62

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR
Eucalyptus Globulus Oil
Eucalyptus Globulus, Product Reference T109
EINECS CAS 84625-32-1 USA CAS 8000-48-4

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This essential oil is obtained from steam distillation from the biomass. The main component is Cineole (Eucalyptol) 70-80%.

The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The oil contains 15-20% Terpenes.

Xn.
R10
R65
S62

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice immediately, show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Clear Mobile Liquid.
Odour:	Medicated.
Colour:	Water White – Pale Yellow.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	51°C. C.O.C.
Specific Gravity:	20°C 0.902 – 0.918.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil may cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Irritant.

(On heating the fumes are acrid.)

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Hazardous – display symbol Xn.
Rail:	Hazardous – display symbol Xn.
Air:	Hazardous – display symbol Xn.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn. R10. (Flammable)
Labels for Supply:	Xn. R10. R65. S62.

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MATERIAL SAFETY DATA SHEET FOR
Lavender Oil, French
Lavandula Officinalis, Product Reference T180
EINECS CAS 90063-37-9 USA CAS 8000-28-0

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is a natural Essential Oil produced by steam distillation from the flowers of *Lavandula Officinalis* and consists of Terpenes, Terpene alcohols and Esters – principally Linalyl Acetate.

The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The Hydrocarbon content is 15%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Typical Lavender.
Colour:	Water White – Pale Yellow.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Sparingly soluble
Boiling Point:	Above 180°C with decomposition.
Flash Point:	74°C. C.O.C.
Specific Gravity:	20°C 0.870 – 0.895.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil can cause degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Harmful if swallowed.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn – Hazardous.
Rail:	Xn – Hazardous.
Air:	Xn – Hazardous.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn. R65
Labels for Supply:	Xn. R65. S62.

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MATERIAL SAFETY DATA SHEET FOR
Grapefruit Oil
Citrus Paradisi, Product Reference T114
EINECS CAS 90045-43-5 USA CAS 8016-20-4

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is a natural Essential Oil produced by cold expression from the peel of the fruit. The principal constituent is d-Limonene. The oil also contains approx 0.1- 0.15% bergaptene and is, therefore, phototoxic.

The oil is classified as hazardous and is phototoxic.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The Hydrocarbon content is 95%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Grapefruit.
Colour:	Dark Orange.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	51°C. C.O.C.
Specific Gravity:	20°C 0.845 – 0.865.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Non Hazardous.
Skin Contact:	Harmful. Phototoxic.
Eye Contact:	Irritant.
Ingestion:	Harmful if swallowed.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn – Hazardous R10 – Flammable.
Rail:	Xn – Hazardous R10 – Flammable.
Air:	Xn – Hazardous R10 – Flammable.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn. R10
Labels for Supply:	Xn. R10. R65. S62.

15. FURTHER INFORMATION:

Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.

Safety information is under continuous review.



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MATERIAL SAFETY DATA SHEET FOR

Rosemary Oil

Rosmarinus Officinalis, Product Reference T123
EINECS CAS 84604-14-8 USA CAS 8000-25-7

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is Essential Oil is steam distilled from the bio-mass of the herb *Rosmarinus Officinalis*. It contains α -Pinene, β -Pinene, Cineole and Camphor.
The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The hydrocarbon content ranges between 35- 50%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Herbaceous.
Colour:	Water White.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	47°C.
Specific Gravity:	20°C 0.900 – 0.921.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidization and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil can cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Hazardous.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn – Hazardous. R10 – Flammable.
Rail:	Xn – Hazardous. R10 – Flammable.
Air:	Xn – Hazardous. R10 – Flammable.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn R10
Labels for Supply:	Xn. R10. R65. S62.

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR

Ylang Ylang I

Cananga Odorata, Product Reference T126
EINECS CAS 83863-30-3 USA CAS 8006-81-3

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

Ylang Ylang oils are distilled from the flowers of *Cananga Odorata*. Various fractions, extra, I, II, III, are selected by gravity during distillation. The main constituents are Linalool and Linalyl Acetate. The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labeled according to the regulation 96/54/EC governing hazardous substances. The hydrocarbon content is 50%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Floral.
Colour:	Yellow.
Solubility:	a. Solvent – Soluble b. Alcohol – Soluble c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	72°C.
Specific Gravity:	20°C 0.952 – 0.959.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidization and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil can cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Hazardous.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn – Hazardous.
Rail:	Xn – Hazardous.
Air:	Xn – Hazardous.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn
Labels for Supply:	Xn. R65. S62.

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR

Tea Tree Oil

Melaleuca Alternifolia, Product Reference T125
EINECS CAS 85085-48-9 USA CAS 68647-73-4

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is Essential Oil is steam distilled from the leaves of the Melaleuca Alternifolia. The principal constituent is Terpinen-4-ol and Cineole.

The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The hydrocarbon content ranges between 35- 45%.

3. FIRST AID PROCEDURES:

Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers: Normal extinguishers can be used (CO₂, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.
Fire Hazard: Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Medicated.
Colour:	Water White.
Solubility:	a. Solvent – Soluble
	b. Alcohol – Soluble
	c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	56°C.
Specific Gravity:	20°C 0.885 – 0.906.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidization and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil can cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Hazardous.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn – Hazardous. R10 – Flammable.
Rail:	Xn – Hazardous. R10 – Flammable.
Air:	Xn – Hazardous. R10 – Flammable.
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III
UN No.	1169

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn R10
Labels for Supply:	Xn. R10. R22. R38. R65. S62.

15. FURTHER INFORMATION:

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