



Calm No. 34

A Blend of: Lavender, Orange, Patchouli, Ylang Ylang, Juniper Berry

1. SDS Lavender 40/42, France p1

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **LAVENDER 40/42, France** SUPPLIER: Aroma de Terra 12395
McCracken Rd., Ste D Cleveland, OH 44125 (216) 663-8831

2. COMPOSITION/INFORMATION ON INGREDIENT DEFINITION/BOTANICAL
ORIGIN: Definition: The volatile oil obtained by steam distillation of the herb *lavandula angustifolia*

H-No: CoE No: FDA: RIFM: monograph

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures

4. FIRST-AID MEASURES: INHALATION: Remove from exposure site to fresh air.
Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water, if irritation persists, seek medical advice. INGESTION: Rinse mouth out with water. Seek medical advice immediately. OTHER: When assessing action take Risk & Safety Phrases into account

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. **SPECIAL MEASURES :** Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. **ENVIRONMENT PRECAUTIONS:** Keep away from drains, soils, surface & groundwaters. **CLEAN UP METHODS FOR SPILLAGES:** Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

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CAS No: 8000-28-0 FEMA: 2622 IFRA: not restricted EINECS: RTECS:

Status: natural Additives: none Application:

SDS Lavender 40/42, France p2

7. HANDLING & STORAGE.**PRECAUTIONS IN HANDLING:** Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling. **STORAGE CONDITIONS:** Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. **FIRE PROTECTION:** Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.**RESPIRATORY PROTECTION:** Avoid breathing product vapour. Apply local ventilation where possible. **VENTILATION:** Ensure good ventilation of working area. **HAND PROTECTION:** Avoid all skin contact. Use chemically resistant gloves if required. **EYE PROTECTION:** Use safety glasses. **WORK/HYGIENE PRACTICES :** Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES **COLOUR:** Pale yellow to amber **APPEARANCE:** Mobile liquid. **ODOR:** Characteristic herbaceous odor

FLASH-POINT ⁰C: 69 SPECIFIC GRAVITY @ 20°C: 0.8800-0.8820 OPTICAL ROTATION @20°C: -5.35° to -6.35° REFRACTIVE INDEX @ 20°C: 1.4584 to 1.4608 SOLUBILITY IN 70% ETHANOL @ 20°C: Soluble SOLUBILITY IN VEGETABLE OILS: SOLUBLE SOLUBILITY IN WATER: NOT SOLUBLE

10. STABILITY & REACTIVITY.

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water, Avoid contact with strong acids, alkali or oxidizing agents. DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Council of Europe Evaluation was Approval, FEMA Evaluation was GRAS, FDA evaluation was GRAS. Liquid may irritating to skin and eyes.

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SDS Lavender 40/42, France p3

SHELF•LIFE Min **12 months** when stored within advised conditions.

Q.C. REQUIREMENTS.

Inline with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

The data provided in this SAFETY DATA SHEET is meant to represent typical data/analysis for this product end is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is data is supplied without warranty expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application, and buyers should seek to verify their requirements and product use.

4/18/2010

2. SDS Orange

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Orange, Valencia, California, cold pressed**SUPPLIER: Aroma de Terra 12395 McCracken Rd., Ste D Cleveland, OH 44125 (216) 663-8831

2.COMPOSITION/INFORMATION ON INGREDIENTS.DEFINITION/BOTANICAL ORIGIN: Definition: The volatile oil obtained by steam distillation of the herb *citrus sinensis*.

1 _____

H-No: CoE No: FDA: RIFM: monograph

CAS No: 8008-57-9 FEMA: 2825 IFRA: not restricted EINECS:

Status: natural Additives: none Application: RTECS: RI8600000

3. HAZARDS IDENTIFICATION:

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Concentrated product. Do not ingest. Observe good housekeeping procedures. Should not be applied directly to the skin in an undiluted state, since phototoxicity effects and dermal sensitization are possible. Keep total quantity in a blend under 2%.

4.FIRST-AID MEASURES:INHALATION:Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

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EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water, if irritation persists, seek medical advice. INGESTION: Rinse mouth out with water. Seek medical advice immediately. OTHER: When assessing action take Risk & Safety Phrases into account

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters.

2 CLEAN UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material.

Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling. STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.RESPIRATORY

PROTECTION: Avoid breathing product vapour. Apply local ventilation where

possible. VENTILATION: Ensure good ventilation of working area. HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves. EYE PROTECTION: Use safety glasses. WORK/HYGIENE PRACTICES : Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES,COLOUR: Pale orange, yellow, greenish orange or brownish orange APPEARANCE: Mobile liquid. ODOR: bright fresh and sweet citrus FLASH-POINT ^{0F}: 156 ^{0F}: SPECIFIC GRAVITY @ 25°C: 0.84200 to 0.84600 REFRACTIVE INDEX @ 20°C: 1.47200 to 1.47400 SOLUBILITY IN 70% ETHANOL @ 20°C: SOLUBLE SOLUBILITY IN VEGETABLE OILS:

SOLUBLE SOLUBILITY IN WATER: NOT SOLUBLE

10. STABILITY & REACTIVITY.

STABILITY Stable REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water, Avoid contact with strong acids, alkali or oxidizing agents. Avoid excessive heat, open flames and other sources of ignition. DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SHELF•LIFE Min **6 months** when stored within advised conditions.

Q.C. REQUIREMENTS.

Inline with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

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1/10/2011

3. SDS Patchouli p.1 1

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **PATCHOULI, SUMATRA *pogostemon cablin***SUPPLIER: Aroma de Terra 12395 McCracken Rd. Ste D Garfield Hts, OH 44125 (216)663-8331

2.COMPOSITION/INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Definition: The volatile oil obtained by steam distillation of the herb *pogostemon cablin*

H-No: CoE No: FDA: RIFM: monograph

CAS No: 8014-09-3 FEMA: 2838 IFRA: not restricted EINECS:

Status: natural Additives: none Application: RTECS:

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures. Should not be applied directly to the skin in an undiluted state, since dermal sensitization is possible.

4.FIRST-AID **MEASURES**:INHALATION:Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water, if irritation persists, seek medical advice. INGESTION: Rinse mouth out with water. Seek medical advice immediately. OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. SPECIAL MEASURES : Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. **ENVIRONMENT PRECAUTIONS:** Keep away from drains, soils, surface & groundwaters. **CLEAN UP METHODS FOR SPILLAGES:** Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved

SDS Patchouli p.2 2 disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.**PRECAUTIONS IN HANDLING:** Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling. **STORAGE CONDITIONS:** Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. **FIRE PROTECTION:** Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.**RESPIRATORY PROTECTION:** Avoid breathing product vapour. Apply local ventilation where possible. **VENTILATION:** Ensure good ventilation of working area. **HAND PROTECTION:** Avoid all skin contact. Use chemically resistant gloves. **EYE PROTECTION:** Use safety glasses. **WORK/HYGIENE PRACTICES :** Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES, COLOUR: Deep orange, brown APPEARANCE: Mobile liquid. ODOR: Woody, earthy, herbal odor

FLASH-POINT ^{0F}: 200 SPECIFIC GRAVITY @ 25°C: 0.95000-0.97500 OPTICAL ROTATION @20°C: -48.00° to -65° REFRACTIVE INDEX @ 20°C: 1.49900 to 1.51500 SOLUBILITY IN 70% ETHANOL @ 20°C: SOLUBLE SOLUBILITY IN VEGETABLE OILS: SOLUBLE SOLUBILITY IN WATER: NOT SOLUBLE

10. STABILITY & REACTIVITY.

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water, Avoid contact with strong acids, alkali or oxidizing agents. **DECOMPOSITION:** Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

12.ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SDS Patchouli p.3 3

SHELF•LIFEMin **24 months** when stored within advised conditions.

Q.C. REQUIREMENTS.

Inline with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

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1/10/2011

4. SDS Ylang Ylang 3 p.1

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Ylang ylang #3, Oil, Indonesia steam distilled**SUPPLIER: Aroma de Terra 12395 McCracken Rd. Ste D Garfield Hts, OH 44125 (216)663-8331

2.COMPOSITION/INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Definition: The volatile oil obtained by steam distillation of the herb *cananga odoratum*

H-No: 3301.29.6000 CoE No: FDA: RIFM: monograph

CAS No: 8006-81-3 FEMA: 3119 IFRA: not restricted EINECS: 281-092-1

Status: natural Additives: none Application: RTECS: ZF9116000

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures. Should not be applied directly to the skin in an undiluted state, since dermal sensitization is possible. Scent may cause naseau and headaches in some people.

4.FIRST-AID MEASURES:INHALATION:Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water, if irritation persists, seek medical advice. INGESTION: Rinse mouth out with water. Seek medical advice immediately. OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. SPECIAL MEASURES : Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters. CLEAN UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material.

SDS Ylang Ylang 3 p.2 Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved

disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE. PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling. STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION. RESPIRATORY PROTECTION: Avoid breathing product vapour. Apply local ventilation where possible. VENTILATION: Ensure good ventilation of working area. HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves. EYE PROTECTION: Use safety glasses. WORK/HYGIENE PRACTICES : Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES, COLOUR: pale yellow APPEARANCE: Mobile liquid. ODOR: sweet floral

FLASH-POINT ^{0F}: 167 SPECIFIC GRAVITY @ 25°C: 0.94000 -0.96000
REFRACTIVE INDEX @ 25°C: 1.49808 to 1.45100 SOLUBILITY IN 70% ETHANOL @ 20°C: SOLUBLE SOLUBILITY IN VEGETABLE OILS: SOLUBLE SOLUBILITY IN WATER: NOT SOLUBLE

10. STABILITY & REACTIVITY.

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water, Avoid contact with strong acids, alkali or oxidizing agents. DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause skin sensitization.

12.ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SDS Ylang Ylang 3 p.3

SHELF•LIFEMin **12 months** when stored within advised conditions.

Q.C. REQUIREMENTS.

In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

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1/10/2011

5. SDS Juniper

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **JUNIPER BERRY OIL**SUPPLIER: Aroma de Terra 12395
McCracken Rd., Ste D. Cleveland, OH 44125 (216)663-8831

2.COMPOSITION/INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Definition: The volatile oil obtained by steam distillation of the herb *juniperus communis*.

H-No: CoE No: FDA: RIFM: monograph

CAS No: 8012-91-7 FEMA: 2604 IFRA: not restricted EINECS:

Status: natural Additives: none Application: RTECS:

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures. Should not be applied directly to the skin in an undiluted state, since dermal sensitization are possible.

4.FIRST-AID **MEASURES**:**INHALATION**:Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. **SKIN CONTACT**: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water, if irritation persists, seek medical advice. **INGESTION**: Rinse mouth out with water. Seek medical advice immediately. **OTHER**: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. **SPECIAL MEASURES** : Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters. CLEAN UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved

SDS Juniper p 2 disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling. STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.RESPIRATORY PROTECTION: Avoid breathing product vapour. Apply local ventilation where possible. VENTILATION: Ensure good ventilation of working area. HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves if required. EYE PROTECTION: Use safety glasses. WORK/HYGIENE PRACTICES : Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES, COLOUR: Pale yellow liquid APPEARANCE: Mobile liquid. ODOR: Fresh, yet warm, balsamic and woody FLASH-POINT ^{0C}: 69

SPECIFIC GRAVITY @ 23°C: 0.8563 to 0.8731 OPTICAL ROTATION @23°C: -22° to -41.7° REFRACTIVE INDEX @ 23°C: 1.481 to 1.899 SOLUBILITY IN 70% ETHANOL @ 20°C: SOLUBLE SOLUBILITY IN VEGETABLE OILS: SOLUBLE SOLUBILITY IN WATER: NOT SOLUBLE

10. STABILITY & REACTIVITY.

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water, Avoid contact with strong acids, alkali or oxidizing agents. DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Council of Europe Evaluation was Approval, FEMA Evaluation was GRAS, FDA evaluation was GRAS. Liquid may be irritating to skin and eyes.

12.ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SDS Juniper

SHELF•LIFEMin **12 months** when stored within advised conditions.

Q.C. REQUIREMENTS.

Inline with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

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