



Curb No. 23

A Blend Of: Grapefruit, Peppermint

1. SDS Grapefruit France 1

Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Grapefruit, Red, France, 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 paradisi*.

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

CAS No: 8016-20-4 FEMA: 2530 IFRA: not restricted EINECS: 289-904-6

Status: natural Additives: none Application: RTECS: RI17199000

3. HAZARDS IDENTIFICATION: _____

Concentrated product. Do not ingest. Observe good housekeeping procedures. Should not be applied directly to the skin, since phototoxicity effects and 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

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

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SDS Grapefruit France 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: Pale orange, yellow, greenish orange or brownish orange APPEARANCE: Mobile liquid. ODOR: bright fresh and sweet citrus FLASH-POINT : 46 °C: SPECIFIC GRAVITY @ 20°C: 0.8500 to 0.85500 OPTICAL ROTATION @ 20°C: +91.0-+96.0 REFRACTIVE INDEX @ 20°C: 1.47500 to 1.4800 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.

SDS Grapefruit France 3 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.

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.

11/23/2010

2. SDS Peppermint, India p.1 1

Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

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

2.COMPOSITION/INFORMATION ON INGREDIENTDEFINITION/BOTANICAL

ORIGIN: Definition: The volatile oil obtained by steam distillation of the herb *mentha x piperita* L.(Fam. *Labiatae*).

H-No:3301.24 CoE No:282 FDA:182.20 RIFM: monograph INCI name:

CAS No:8006-90-4 FEMA:2848 IFRA: not restricted EINECS:

FCCIV:

Status: natural Additives: none Application: RTECS:

3. HAZARDS IDENTIFICATION:

Concentrated menthol. 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 Peppermint, India 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 if required. EYE PROTECTION: Use safety glasses. WORK/HYGIENE PRACTICES : Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES, COLOUR: Colorless to Pale yellow APPEARANCE: Mobile liquid. ODOR: Characteristic minty odor

FLASH-POINT ⁰C: 670 SPECIFIC GRAVITY @ 20°C: 0.879-0.910 OPTICAL ROTATION @20°C: -16 to -30 REFRACTIVE INDEX @ 20°C: -1.46to -1.47 SOLUBILITY IN 70% ETHANOL @ 20°C: SOLUBLE 1+4 opalescence allowable 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.

Oral (rat), LD50 = 2426 mg/kg Skin (rabbit), LD50 >5 g/kg

Slightly hazardous to the skin (irritant), eyes and respiratory tract. May also cause allergic dermatitis. In case of eye contact, may cause loss of corneal epithelium, corneal infiltration, and release of pigment into anterior chamber with deposits on back of cornea. Possible mutagen.

12.ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available

SDS Peppermint, India p.3 3 PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

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

14.TRANSPORT REGULATIONS

Road (ADR/RID): AIR (IATA): SEA (IMDG): UN 1993:

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.

The data provided in this Safety Data Sheet is meant to represent typical data/analysis for this product and 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.

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