






Carnauba wax Emulsion for Fruit Coating Morpholine Free

A. DESCRIPTION

 is a natural wax emulsion that is used on post-harvested fruits.

 does not contain any morpholine or any other amines. This emulsion is manufactured using only ingredients as per the EU approved list of ingredients.

 is used to replace the natural coating that has been removed by washing and brushing.

The wax emulsion is a uniform, free flowing liquid that has no deleterious effect on the surface of the fruit to which it is applied.

B. DIRECTIONS FOR USE

- 1.1 Apply with a brush or spray type applicator
- 1.2 Use 1,0 – 1.6 liters per 1000 kg of fruit (application depends on fruit type)
- 1.3 For optimum results the fruit should be clean and dry before entering the wax applicator.

C. SPECIFICATION SHEET

1. CITRACOTE AVO COTE

1.1 Description

A Carnauba wax emulsion that is used on post harvest citrus fruits to replace the natural coating that has been removed by washing and brushing.

1.2 Typical Properties

pH value	: 9,0 – 11,0
Unemulsified matter content	: less than 0,001%
Non-volatile matter content	: 8,0 – 27,0 (% m/m)
Drying time	: <40 seconds
Foaming properties	: Foam disappears from the surface within 20 sec

1.3 Safety Data

Hazards	: Non irritating to normal skin.
Toxicity	: Non toxic to human beings
Storage	: No discoloration of surfaces and not corrosive

PRODUCT INFORMATION MANUAL	Revision number: 2
Document: Citracote Avo Cote	Effective date: Nov 2017
Page 2 of 6	Approved by: G. F. Hall



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: : Citracote Avo Cote
: Citracote (Pty) Ltd
: P.O Box 753321 : 65 Nasmith Avenue
: Gardenview : Jupiter, Germiston
: 2016 : 1400

Telephone number : (011) 825 0608

Emergency no : 071 372 7560

2. MAIN INGREDIENTS

Carnauba

Shellac

Vegetable based emulsifiers

Does not contain morpholine or any other amines.

3. HAZARDS IDENTIFICATION

Inhalation

Prolonged inhalation of vapor can cause nose irritation

Eye Contact

Direct contact with material can cause a slight irritation

Skin Contact

No skin irritation

4. FIRST AID MEASURES

Inhalation

Move subject to fresh air

Eye Contact

Flush eyes with a large amount of water for at least 15 minutes.

Skin Contact

If product is spilled on skin, wash with soap and water.

Ingestion

If swallowed, consult a physician.

5. FIRE – FIGHTING MEASURES

Flash point : Non – combustible
Auto-ignition temperature : Not Applicable

Extinguishing Agents

Use extinguishing media appropriate for surrounding fires

Personal Protective Equipment

Wear self contained breathing apparatus. (Pressure demand MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection

Appropriate protective equipment must be worn when handling a spill of this material

Procedures

Keep spectators away. Floor may be slippery, use care to avoid falling. Contain spills immediately with inert materials (e.g. Sand or earth). Transfer liquids and solid diking materials to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Storage Conditions

Keep from freezing, material may coagulate. The minimum recommended storage temperature for this material is 1°C. The maximum recommended storage temperature for this material is 30°C.

PRODUCT INFORMATION MANUAL Document: Citracote Avo Cote	Revision no: 2 Effective date: Nov 2017
Page 4 of 6	Approved by G.F Hall

8. EXPOSURE CONTROLS / PERSONAL POTECTION

Respiratory Protection

None required if airborne concentration are maintained below the exposure limit. Air purifying respirators should be equipped with an ammonia methylamine cartridge and dust / mist filter.

Personal Protection - Eye

Use chemical splash goggles.

Personal Protection – Hands

Neoprene gloves are recommended.

Engineering Control (Ventilation)

Use Local exhaust ventilation.

Other protective Equipment

Facilities storing or utilizing this material should be equipped with an eyewash facility.

9. PHYSICAL AND CHEMICAL PROPERTIES

State	: Liquid
Odor Characteristics	: Ammonia Odor
pH value	: 9,0 – 11,0
Unemulsified matter content	: less than 0,001%
Non-volatile matter content	: 8,0 – 27,0 (% m/m)
Drying time	: <40 seconds
Foaming properties	: Foam disappears from the surface within 20 sec

10. STABILITY AND REACTIVITY

Instability

This material is considered stable

Hazardous decomposition Products

Incompatibility

There are no known materials which are incompatible with this product.

PRODUCT INFORMATION MANUAL Document: Citracote Avo Cote	Revision no: 2 Effective date: Nov 2017
Page 5 of 6	Approved by G.F Hall

11. TOXICOLOGICAL INFORMATION

Acute Data

No toxicity data is available for this material.

12. ECOLOGICAL INFORMATION

No applicable data

13. DISPOSAL CONSIDERATION

Procedure

Incinerate liquid and contaminated solids in accordance with local, state and federal regulations

14. TRANSPORT INFORMATION

Non regulated

15. REGULATORY INFORMATION

Workplace Classification

This product is considered non – hazardous under the ASHA Hazard Communication Standard

16. OTHER INFORMATION

EXCLUSION OF LIABILITY

Information contained in this publication is accurate at the date of publication to the best of the knowledge of Citracote (Pty) Ltd. The company does not accept any liability whatsoever arising from the use of this information, or the use, application, adaptation or processing of any products described herein.

PRODUCT INFORMATION MANUAL Document: Citracote Mango Cote	Revision no: 2 Effective date: Nov 2017
Page 6 of 6	Approved by G.F Hall

