

FoodCare[®] FCABS
(Patent Pending)

**Natural Anti Browning and Anti-Pinking Agent
for Leafy Salads**

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PRODUCE DESCRIPTION AND SPECIFICATION

Description: FoodCare® FCABS is a white fine granular powder anti-browning/ anti-pinking processing aid. A blend of EU and FDA Food Approved fruit acidulants and sugars which have been specifically formulated and synergistically blended to delay enzymic browning and pinking in a wide variety of prepared leafy salads facilitating a longer shelf life without affecting the organoleptic and sensory properties with no loss of nutritional value.

Potential Benefits:

Significantly improves the shelf life of freshly processed leafy salads.

- Safe and simple to handle.
- No fumes liberated, no bad odour facilitating a safer and healthier work environment.
- Does not contain synthetic biocides or antibiotics.
- Non corrosive
- Non-mutagenic
- Non lachrymatory
- Biodegradable
- Anti-microbial
- Very soluble in water at low temperatures - 4°C

Usage Levels:

The exact dosage cannot be stated in general since it depends on the process. We generally suggest a concentration of 0.5% - 2.50%. (To be validated by customer to establish suitable concentration)

Packaging: FoodCare® FCABS is available in 25.00kg poly tubs.

Safety & Handling: A materials Health and Data Sheet is available on pages 3-5.

Materials Safety Data Sheet

FoodCare® FCABS

I. PRODUCT DESCRIPTION AND SPECIFICATION

Description: FoodCare® FCABS is a natural white fine granular powder consisting of a proprietary blend of natural fruit acidulants.

Specifications:	Appearance:	White Fine Granular Powder
	Taste:	Slight Acidic
	Odour:	Fresh
	Solubility:	Completely soluble in water
	pH (2% @15°C)	2.39 – 2.43
	Stability:	Very Stable

II. SAFETY INFORMATION

1. IDENTIFICATION

Name: FoodCare® FCABS
Product Code: FCABS025
Supplied by: FoodCare Technologies sprl
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2. COMPOSITION

FoodCare® FCABS is a naturally formulated white fine granular powder based on FoodCare® Technology. It consists of a proprietary blend of natural organic acidulants.

3. HAZARD IDENTIFICATION

FoodCare® FCABS is classified as non-hazardous.

4. FIRST AID MEASURES

Eye Contact:	Irrigate thoroughly with water, open eyelids forcibly.
Skin:	Wash affected area with water; report any skin irritation to a medical advisor.
Excessive Ingestion:	Drink copious amounts of water. Contact medical physician if discomfort occurs or persists.
Inhalation:	Non Volatile liquid product: consult medical physician if discomfort occurs or persists.

5. FIRE FIGHTING MEASURES

Product is non-combustible.

6. ACCIDENTAL RELEASE MEASURE

- Personal Precautions: Wear rubber gloves if prolonged contact with concentrated solution. Avoid contact with skin and eyes.
- Environmental: No particular/specific measures required. Can wash to drains with large amounts of water. Absorb large spillage with sand then place in a closed container for transfer to an approved waste site.

7. HANDLING AND STORAGE

Sensible precautions should be taken to avoid contact with the eyes and skin, inhalation or accidental ingestion. Observe strict cleanliness and personal hygiene at all times. Keep container tightly closed. Store in a cool, dry area at ambient temperature. Protect from excess heat, keep away from odours and toxic substances.

8. EXPOSURE, CONTROL AND PERSONAL PROTECTION

No specific measures are required for FoodCare[®] FCABS provided the product is handled in accordance with general rules/regulations of occupational hygiene and safety. Eye protection and PVC or rubber gloves should be worn as appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance/Colour:** White Fine Granular Powder
- Odour:** None
- Molecular Mass:** Not Relevant – Mixture
- Solubility:** Completely soluble in water
- Flash Point:** Non combustible
- Degradability:** >98% biodegradable

10. STABILITY AND REACTIVITY

FoodCare[®] FCABS is stable under normal storage conditions. Protect from excess heat for quality reasons. Protect from frost.

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity: Non-hazardous substance when used correctly
- Local effects: Mild eye irritation on contact. Unlikely to cause eye damage.
Skin irritation: may give rise to a mild rash and de-fatting effect.
- Ingestion: No known effects
- Inhalation: No known effects
- Sensitisation: No known effects
- Special effects: Not mutagenic (Ames-test) Not phototoxic

12. ECOLOGICAL INFORMATION

No known adverse Eco-toxicity effects.
Greater than 98% biodegradable.
Product dissolves completely in water No known accumulation

13. DISPOSAL CONSIDERATION

- Discharge: Treatment must be disposed/treated in accordance with The Special Waste Regulations at a licensed incinerator or landfill site.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport. Unless containers are palletised never stack more than 2 high.

15. REGULATORY INFORMATION

FoodCare® FCABS is supplied for use as a processing aid in in freshly processed leafy salads and is not for retail sale. Classification and labelling is in accordance with Regulation (EC) No 1333/2008 - Processing Aids and (2) Regulation (EU) No 1169/2011 Labelling Regulation. Does not contain a toxic chemical subject to SARA TITLE 111 Section 313.

16. ADDITIONAL INFORMATION

FoodCare® FCABS satisfies:

Food Chemical Codex 5th Edition specifications

Categorised: Generally Recognised as Safe (GRAS) by the FDA

Produced under ISO9001:2000 Certified Quality Management Systems, GMP and BRC approved. Shelf Life of FoodCare® FCABS is twelve (12) months from production date.

17. INFORMATION ON USE

Uses: FoodCare® FCABS is a natural formulated Anti Browning and Anti-Pinking Agent for use in freshly processed leafy salads.

18. ADDITIONAL INFORMATION

Country of Manufacture: The Netherlands

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