



SECTION 1: IDENTIFICATION		
<b>1.1. Product Name:</b>		
Product name: FLORAEX™ Natural Disinfectant For Food-Contact Surfaces		
<b>2. Product Description:</b>		
FLORAEX™ Natural Disinfectant For Food-Contact Surfaces is a natural disinfectant solution designed for use on food-contact surfaces in food processing environments. The product effectively eliminates surface contaminants and reduces microbial load while ensuring equipment safety and leaving no harmful residues. It is formulated with safe, non-corrosive, and eco-friendly ingredients, making it suitable for direct application on surfaces that come into contact with food. FLORAEX™ kills 99.9% of Gram-positive bacteria and 99.99% of Gram-negative bacteria, as verified according to SASO-2619 (GSO-1949) test method, delivering powerful sanitizing action while remaining fully compliant with food safety standards and industrial hygiene requirements.		
<b>2.2. Recommended Use:</b>		
Disinfectant For Food-Contact Surfaces		
<b>2.3. Product Dilution:</b>		
Concentrate		
SECTION 2: HAZARDS IDENTIFICATION		
Classification	IDENTIFICATION	
Classification of the Substance or Mixture	May cause eye irritation (Eye Irrit. 2A, H319).	
Inhalation:	No adverse effects expected when used as directed.	
Skin	No adverse effects expected when used as directed.	
Eyes	No adverse effects expected when used as directed.	
Ingestion	No adverse effects expected when used as directed.	
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Name of Substance	Classification (GHS)	
Natural pH Adjuster	Eye Irrit. 2A (H319)	
pH Balancing Agent	Not classified	
Mineral Salt	Not classified	
Natural Plant Extract	Not classified	
Purified Water	Not classified	
SECTION 4: FIRST AID MEASURES		
Inhalation:	No adverse effects expected when used as directed.	
Skin	No irritation expected. Rinse with water if necessary.	
Eyes	Rinse gently with clean water for several minutes. Seek	
Ingestion	Do not induce vomiting. Rinse mouth and drink water.	
SECTION 5: FIRE-FIGHTING MEASURES		
1- The product is non-flammable. 2- No special firefighting procedures required.		
SECTION 6. Accidental release measures		
1- May cause slippery floor. 2- Rinse spilled area with water. 3- No special environmental precautions are required. Rinse with water.		



**SECTION 7. Handling and storage**

- 1- Handling: Do not eat or drink during use.
- 2- Do not mix with bleach or chlorine-based disinfectants.
- 3- Storage: Store in original sealed container at room temperature in a dry area.

**SECTION 8. Exposure controls/personal protection**

- 1- No occupational exposure limits established.
- 2- PPE only required in large-scale industrial handling.

**SECTION 9. Physical and chemical properties**

Property	Value
Appearance	Clear liquid
Color	Colorless to light yellow
Odor	No detectable odor
pH	3.7 (test solution as per GSO 1948:2023)
Solubility	Completely soluble in water
Viscosity	Low viscosity, water-like
Stability	Stable under normal handling and storage conditions
Shelf Life	6 Months
Packaging	Jerrycans (5L, 25L,)

**SECTION 10. Stability and reactivity**

- 1- Chemically stable under normal use conditions.
- 2- No hazardous decomposition products are expected.
- 3- Do not mix with chlorine-based disinfectants (bleach).
- 4- This product may release small amounts of chlorine gas when in contact with hypochlorite solutions.

**SECTION 11. Toxicological information**

- 1- No acute toxicity expected at intended use.
- 2- May cause eye irritation if direct contact occurs.
- 3- No skin irritation expected

**SECTION 12. Ecological information**

Not expected to cause environmental harm under normal use.

**SECTION 13. Disposal considerations**

Dispose according to local waste regulations.

**SECTION 14. Transport information**

Not classified as dangerous for land, sea, or air transport.

**SECTION 15. Regulatory information**

- 1- Classified according to GHS.
- 2- Not listed as a restricted substance under REACH / RoHS.
- 3- Complies with GSO requirements for Natural Disinfectant For Food-Contact Surfaces

**SECTION 16. Other information**

No chemical safety assessment required for this product based on composition and usage category.



FLORAEX™ Establishment  
P.O. Box 7244, Jeddah 23453, Saudi Arabia

**SECTION 17. Labeling**

**FLORAEX™**

**NATURAL DISINFECTANT**  
OFFERS HIGH-GRADE NATURAL DISINFECTION SOLUTION FOR FOOD PROCESSING SURFACES

**طريقة الاستخدام:**

**مطهر طبيعي للأسطح الملامسة للغذاء**  
Amen للاستخدام على الأسطح الملامسة للغذاء  
Suitable for food-contact surfaces

**كills 99.9% of bacteria**  
يقضي على 99.9% من البكتيريا

**المكونات:**  
Natural pH adjuster and mineral salts, natural plant extract, pH regulator, purified water.

**المكونات:**  
مطهر طبيعي، مستخلص نباتي طبيعي، مطهر معدني، منظم حموضة.

**DIRECTIONS FOR USE:**

- Dilute the product at a ratio of 1:4 to prepare a concentrated solution for disinfecting food-contact surfaces.
- Apply the solution evenly on the surface and allow a contact time of 15-20 minutes, then rinse thoroughly with clean water.

**طريقة الاستخدام:**

- يخفف المنتج بنسبة 1:4 لإعداد محلول مركز لتطهير الأسطح الملامسة للغذاء.
- تطبق المحلول بالتساوي على السطح وتترك لمدة 15-20 دقيقة، ثم يغسل السطح جيداً بالماء النظيف.

**PRECAUTIONS:**

- For external use only. Avoid contact with eyes and open wounds.
- Do not mix with other cleaners. Store between 15°C and 30°C, away from direct sunlight. Shake well before use.
- Keep container tightly closed and out of reach of children.

**احتياطات الاستخدام:**

- للاستخدام الخارجي فقط. تجنب ملامسة العينين أو الجروح المفتوحة.
- لا تخلط مع منتجات التنظيف الأخرى. يخزن بين 15°C و 30°C، بعيداً عن أشعة الشمس المباشرة. رج جيداً قبل الاستخدام.
- احتفظ بالحاوية بإحكام مغلقة وبخارج متناول يدي الأطفال.

**Batch No.:** 25 L  
**MFG:**  
**EXP:**

**رقم اللبنة:** 25 لتر  
**التاريخ:**  
**الصلاحية:**

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تصميم وتطوير: مؤسسة فلورا إكس للتأسيس - جدة - المملكة العربية السعودية

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- احتفظ بالحاوية بإحكام مغلقة وبخارج متناول يدي الأطفال.

**Batch No.:** 5 L  
**MFG:**  
**EXP:**

**رقم اللبنة:** 5 لتر  
**التاريخ:**  
**الصلاحية:**

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**SECTION 18. Packaging**

