

**SAFETY DATA SHEET***aurafirm N*

Commission Regulation (EU) No 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** *aurafirm N*  
**Synonyms; trade names** Lactobacillus Ferment, *avena sativa* kernel extract  
**CAS number** 84012-26-0  
**EC number** 281-672-4

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Cosmetic Preparations

**1.3. Details of the supplier of the safety datasheet**

**Supplier** Gracefruit  
Limited, 209  
glasgow  
road, longcroft  
  
01324 841353

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified  
**2.2. Label elements** None required  
**EC number** 281-672-4  
**Hazard statements** NC Not Classified

**2.3. Other hazards**

This substance is not classified as PBT or vPvB according to current EU criteria.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

**Product name** *aurafirm N*  
**CAS number** 84012-26-0  
**EC number** 281-672-4

**Composition comments** This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits. Lactobacillus ferment, *avena sativa* kernel extract: >98%

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

Inhalation	No specific recommendations.
Ingestion	Rinse mouth thoroughly with water. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse eye with tap water for approximately 15 min, take care to remove contact lenses first.

**4.2. Most important symptoms and effects, both acute and delayed**

Inhalation	Not a likely route of exposure as product is not volatile. Remove to fresh air.
Ingestion	Get medical attention if symptoms are severe or persist.
Skin contact	Get medical attention if irritation persists after washing.
Eye contact	Get medical attention if symptoms are severe or persist.

**4.3. Indication of any immediate medical attention and special treatment needed**

Notes for the doctor	No specific recommendations.
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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	None identified.
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**5.3. Advice for firefighters** In case of fire and/or explosion do not breathe fumes.

<b>Protective actions during firefighting</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
<b>Special protective equipment for firefighters</b>	

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	For personal protection, see Section 8. Provide adequate ventilation. Avoid contact with eyes.
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**6.2. Environmental precautions**

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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**6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.
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**6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see section 13.
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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

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<b>Usage precautions</b>	Avoid contact with eyes. Provide adequate ventilation. Keep container tightly closed and at temperature not exceeding 35°C.
<b>Advice on general occupational hygiene</b>	No specific measures identified.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid exposure to high temperatures or direct sunlight. Store at temperatures between 10°C and 35°C. Protect from frost.
<b>Storage class</b>	10 - 13
<b>7.3. Specific end use(s)</b>	
<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredients.

### 8.2. Exposure controls

**Protective equipment**



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Tight-fitting safety glasses.

**Hand protection**

It is recommended that chemical-resistant, impervious gloves are worn.

**Other skin and body protection**

Wear protective clothing.

**Hygiene measures**

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Keep away from food, drink and animal feeding stuffs. Promptly remove any clothing that becomes contaminated. Provide eyewash station.

**Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical

<b>properties Appearance</b>	Turbid liquid.
<b>Colour</b>	Pale brown.
<b>Odour</b>	Characteristic ferment.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 3.8 to 4.3
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	>100°C
<b>Flash point</b>	Not relevant.
<b>Evaporation rate</b>	The product is non-volatile.

<b>Upper/lower flammability or explosive limits</b>	The product is not flammable.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.00 - 1.10 g/ml.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.

## **9.2. Other information**

<b>Other information</b>	No information required.
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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### **10.2. Chemical stability**

<b>Stability</b>	Stable under the prescribed storage conditions. 4 years stable in closed containers
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### **10.3. Possibility of hazardous reactions**

<b>Possibility of hazardous reactions</b>	Not determined.
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### **10.4. Conditions to avoid**

<b>Conditions to avoid</b>	Light. Product may discolour on exposure to light. Air.
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### **10.5. Incompatible materials**

<b>Materials to avoid</b>	None known.
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### **10.6. Hazardous decomposition products**

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

<b>Toxicological effects</b>	This product is a lactobacillus ferment of avena sativa kernel extract. The lactobacillus strain is also used in food and pro-biotic fermentation and has a qualified presumption of safety (QPS - <a href="https://www.efsa.europa.eu/en/topics/topic/qualified-presumption-safety-qps">https://www.efsa.europa.eu/en/topics/topic/qualified-presumption-safety-qps</a> ). The avena sativa kernel extract is an extract from oats which is a common food and there are no concerns about its toxicity.
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#### **Acute toxicity - oral**

<b>Notes (oral LD<sub>50</sub>)</b>	No information available.
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#### **Acute toxicity - dermal**

<b>Notes (dermal LD<sub>50</sub>)</b>	No information available.
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#### **Acute toxicity - inhalation**

<b>Notes (inhalation LC<sub>50</sub>)</b>	No information available.
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#### **Skin corrosion/irritation**

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<b>Skin corrosion/irritation</b>	Human patch test. Well tolerated
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	The Cosmetic Ingredient Review Panel (2014) concluded that Avena sativa (Oat)-Derived Ingredients do not have the properties required to induce Type 1 hypersensitivity, thus the Panel concluded that these products had a low potential to cause sensitivity. Additionally, the Panel was not as concerned about the potential for protein in A. sativa-derived ingredients to cause Type I reactions because, compared to wheat, soy, eggs, and nuts, oats are not considered to be a major food allergen.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity</b>	No information available.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Fertility</b>	No information available.
<b>Development</b>	No information available.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	No information available.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	No information available.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	No information available.
<b>General information</b>	No specific health hazards known.

### SECTION 12: Ecological Information

<b>Ecotoxicity</b>	No data on possible environmental effects have been found
<b><u>12.1. Toxicity</u></b>	
<b>Toxicity</b>	No data available.
<b><u>12.2. Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	The product is readily biodegradable.
<b><u>12.3. Bioaccumulative potential</u></b>	
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	No information available.
<b><u>12.4. Mobility in soil</u></b>	
<b>Mobility</b>	No data available.
<b><u>12.5. Results of PBT and vPvB assessment</u></b>	
<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
<b><u>12.6. Other adverse effects</u></b>	
<b>Other adverse effects</b>	Not applicable.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

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<b>Disposal methods</b>	Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of contents/container in accordance with national regulations. Do not discharge into drains or watercourses or onto the ground.
<b>Waste class</b>	07 00 00 Waste from organic-chemical processes. 07 06 00 Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics. 07 06 99 Wastes not otherwise specified.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number** Not Applicable.

**14.2. UN proper shipping name** Not Applicable.

**14.3. Transport hazard class(es)** Not Applicable.

**14.4. Packing group** Not Applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant** No.

**14.6. Special precautions for user** Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Revision No.** 3  
**Date** 29/11/2019

Information mentioned on this sheet are based on our present knowledge of the product concerned at the date mentioned without any legal liability. This document is intended as a guide to the appropriate precautionary handling, storage, usage, transport and disposal of the material by a properly trained person using this product. This information relates only to the specific material designated. If the product is mixed with other ingredients or is part in any kind of production process the data mentioned in this SDS as long as not explicitly mentioned in it are not transferable on the produced material.