

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

NATUREWAX™ C3S

Version: 1.1
Form No: 323098

Preparation Date : 4/14/2017
Revision Date: 9/18/2017

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	NATUREWAX™ C3S
SDS No	323110

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses	Wax
Uses Advised Against	See chapter 16 for a general overview

1.3 Details Of The Supplier Of The Safety Data Sheet

Supplier (Manufacturer)	CARGILL TARIM VE GIDA SAN. TİC. A.Ş.
Address – Factory	Gebkim Kocaeli-Gebze 5. Kimya Organize Sanayi Bölgesi İstanbul - Turkey Tel: +90 262 754 03 03
Address - Office	Barbaros Mh. Kardelen Sk. Resepsiyon Lobi Apt. No: 2 / 4-5-6-7, 34746 Ataşehir İstanbul – Turkey Tel: +90 216 554 18 00

1.4 Information Providing Authority About Safety Data Sheet

	Mert Özerdem - mert_ozerdem@cargill.com
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1.5 Emergency Telephone Number

Company Emergency	+90 262 754 0303
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2. HAZARDS IDENTIFICATION

2.1 Classification Of The Product

2.1.1 Classification According to Regulation (EC) No 1272/2008

- This substance is not classified as hazardous according to regulation (EC) 1272/2008 [CLP/GHS].

2.2 Label elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP¹/GHS²]

Product Identifier	
Hazard Component for Labeling	· Not Applicable
Hazard Pictograms	· Not Applicable
Signal Word	· Not Applicable
Hazard Statements	· Not Applicable
Precautionary Statements	
General	· None
Prevention	· None
Response	· None

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Storage

- None

Disposal

- None

Supplemental Hazard Information (EU) Statements

No data available.

2.2.2. Special Rules For Supplemental Label Elements For Certain Mixtures

None.

2.2.3. Additional Labeling

- Not applicable

2.3 Hazard Identification

2.3.1 Skin Contact

There is no known harmful effect.

2.3.2 Eye Contact

There is no known harmful effect.

2.3.3 Ingestion

Generally, the ingestion of chemicals is harmful.

2.3.4 Inhalation

There is no known harmful effect.

2.3.5 Long term effects

There is no long term effect.

2.3.6 Adverse Environmental Effects

Not classified for hazards to the environment.

2.4 Additional Information

No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

NAME	EINECS NO	CAS NO.	CONTENT (%)	CLASSIFICATION
				CLP
Modified vegetable waxes	-	-	100	Not classified as hazardous products according to the regulation of (EC) 1272/2008[CLP/GHS].

3.2. Hazardous ingredients

This product does not include ingredients classified as dangerous substances.

3.3 Additional information

- None

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

- In the case of an emergency, show this safety data sheet and seek medical advice.

4.1.2 Following inhalation

- If symptomatic, move to fresh air.

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- Get medical attention if symptoms persist.

4.1.3 Following skin contact

- Wash skin with soap and water.
- Get medical attention promptly if symptoms occur after washing.

4.1.4 Following eye contact

- Any material that contacts the eye should be washed out immediately with water.
- If easy to do, remove contact lenses.
- Get medical attention promptly if symptoms occur after washing.

4.1.5 Following ingestion

- First aid is normally not required. However, if greater than 1/2 litre (pint) ingested, seek medical attention.

4.1.6 Self-protection of the first aider

- Not applicable.

4.1.7 Notes for the doctor

- Unlikely to be required but if necessary treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 General Information and Flammable Properties

- Rags, steel wool, or waste contaminated with this product may spontaneously catch fire if improperly discarded.

5.2 Extinguishing media:

- Use appropriate extinguishing media.

5.3 Unsuitable extinguishing media

- Do not use water as a fire extinguisher.

5.4 Special hazards arising from the product

- Thermal disruption can cause irritant gases and vapors to release.
- High dust concentrations may cause airborne combustible mixtures.

5.5 Advice for fire-fighters

- Self-contained breathing apparatus, operated in positive pressure mode and full protective clothing must be worn in case of fire.

5.6 Additional information

- No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Wear appropriate personal protective equipment (See Section 8).
- Wear a dust mask or respirator. Keep unnecessary personnel away.

6.2 Environmental precautions

- Environmental manager must be informed of all major releases.

6.3 Methods and material for containment and cleaning up

6.3.1 For containment

- Used rags or other cleaning materials should be soaked with water and placed in a sealed container.

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6.3.2 For cleaning up

- Prevent runoff from entering drains, sewers, or streams.
- Dike for later disposal.

6.3.3 Other information

- Dispose of waste material according to local, state and federal regulations.

6.4 Reference to other sections

- Dispose of contaminated material as waste in accordance with section 13.
- For personal protection, see section 8.

7. HANDLING AND STORAGE

7.1.1 Precautions for safe handling

- Immediately after use, place rags, steel wool, or waste in a sealed water-filled metal container.
- Observe good industrial hygiene practices.

7.1.2 Protective measures

Personal preventions

- Wear appropriate personal protective equipment (See Section 8).

Fire preventions

- See section 5.

Environmental precautions:

- Environmental manager must be informed of all major releases.
- Dispose of waste material according to local, state and federal regulations.

7.1.3 Advice on general occupational hygiene

- Use good occupational work practice.
- Comply with the health and safety at work laws.
- Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a cool, well ventilated place.
- We protect against frost and physical damage.
- Keep container tightly closed.

7.2.1 Advice on common storage

- No data available

7.2.2 Specific precautions on storage

- Observe the national and local regulations concerning handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Preventive industrial and medical examinations must be carried out according to the application area.

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

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8.1.1 Occupational exposure limits

No data available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

8.2.2 Personal protection equipment

Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

8.2.2.1 Eye / Face protection

- Wear safety glasses with side shields (or goggles).



8.2.2.2 Skin protection

Hand protection

- Chemical resistant gloves are recommended.
- Contact glove manufacturer for specific information.



Body protection

- Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure.



Other protection

- Handle in accordance with good industrial hygiene and safety practice.
- Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

8.2.2.3 Respiratory protection

- Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.



8.2.3 Environmental exposure controls

- Environmental manager must be informed of all major releases.
- Legislation for the protection of the environment must be met in full.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form/Physical state	Powder, Solid
Color	Broken white
Odor	Slight
	Value
pH	6,27
Solidification point/range (°C)	Not available
Boiling point/range (°C)	Not available
Vapour pressure Pa (1.00×10^{-10} mmHg) @ 20°C	Not applicable

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Melting point (°C)	Not available
Freezing point (°C)	Not available
Flash Point (°C)	137
Ignition temperature (°C)	Not available
Flame Point (°C)	Not available
Relative density @25°C (g/ml)	0,922
Vapor density (Air = 1)	Not applicable
Vaporization rate	Not available
Solubility in water g/l @ 20°C	Insoluble
Viscosity (mPa.s) @20°C	Not available
Partition coefficient n-Octanol/Water (log Po/w)	Not available
Explosive Property	Not applicable
Oxidation Property	Not applicable

Note: The above features were determined according to prescribed methods at the Classification, Labelling and Packaging of Hazardous. Substances Regulation Section A-3 or a method comparable to the other.

10. STABILITY AND REACTIVITY

10.1 Reactivity

- It does not react under recommended usage and storage conditions.

10.2 Chemical stability

- It is stable under recommended usage and storage conditions.

10.3 Possibility of hazardous reactions

- None known.

10.4 Conditions to avoid

- No available.

10.5 Incompatible materials

- Strong oxidizing agents.

10.6 Hazardous decomposition products

- CO, CO₂

10.7 Hazardous polymerization

- None.

11. TOXICOLOGICAL INFORMATION

11.1 General Information

- No data available

11.2 Acute toxicity

- No data available.

11.3 Skin corrosion/irritation and Eye damage/irritation:

- There is no known harmful effect.

11.4 CMR effects (Carcinogenicity):

- This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

11.5 CMR effects (Mutagenicity and Toxicity for reproduction) :

- No data available concerning mutagenicity and reproductive toxicity.

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11.6 Other Toxicological Effects:

Allergic Effects	No data available
Effects on Repeated Doses Chronic Exposures	No data available
Sensitization	No data available
Developmental Toxicity (Teratogenicity)	No data available
Fertility	No data available

11.7 STOT-single/repeated exposures:

STOT-single exposure	No data available
STOT-repeated exposure	No data available

11.8 Symptoms related to the physical, chemical and toxicological characteristics:

In case of inhalation	There is no known harmful effect.
In case of skin contact	There is no known harmful effect.
In case of eye contact	There is no known harmful effect.
In case of ingestion	Generally, the ingestion of chemicals is harmful.

11.9 Additional Toxicological Information:

· Toxicological classifications are based on available knowledge and information.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No data available
Toxicity to fish · Not Known
Toxicity to crustaceans · Not Known
Toxicity to algae · Not Known
Toxicity to bacteria · Not Known

12.2 Photo degradation

No data available.

12.3 Effects on Waste Water Treatment Plants

Not determined.

12.4 Mobility

Solid. Insoluble. Refer to ecotoxicity.	
Water threat class	No data available
Clean Water Impact	No data available
Known or predicted environmental distribution	No data available

12.5 Results of PBT and vPvB assessment

Biotic	
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Ready biodegradability:	No data available
Abiotic:	
Hydrolysis as a function of pH:	No data available
Photolysis:	No data available
Atmospheric oxidation:	No data available
Persistence and degradability:	
Decomposition Potential of the products	No data available
The half-life of degradation	No data available
Potential degradation of product content in the evaluation of wastewater treatment plants	No data available
Bioaccumulation Potential :	
Biological environment (biota) accumulation potential	No data available
Potential - nutrients pass through	No data available
Reference Values - Log Kow , Sw and BCF	No data available
12.6 Additional information	
<ul style="list-style-type: none"> Aquatic toxicity: No data available. See the sections 6, 7, 13, 14 and 15. 	

13. DISPOSAL CONSIDERATIONS

13.1 Product / Packaging disposal

- The generation of waste should be avoided or minimized wherever possible.
- Contact waste processors for recycling information.

13.2 Contaminated packaging

- If there is product residue in the emptied container, follow directions for handling on the container's label.
- Since emptied containers may retain product residue, follow label warnings even after container is emptied.
- Contaminated packaging must be emptied of all residues and can be recycled following appropriate cleaning.

13.3 Disposal Methods

- The generation of waste should be avoided or minimized wherever possible.
- Dispose of in accordance with local regulations.

13.4 European Waste Catalogue

- Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

	ADR ³ /RID ⁴	ADNR ⁵	IMDG ⁶	ICAO ⁷ /IATA ⁸
TRANSPORTATION	Road	River	Marine	Airways
PROPER SHIPPING NAME	Not classified as dangerous in the meaning of transport regulations.			
UN/ID No.	-	-	-	-
CLASS	-	-	-	-
PACKAGING GROUP				

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LABELLING NO	-			
CLASSIFICATION CODE	-	-	-	-
HAZARD NO (HIN NO)	-			
EmS			-	
MARINE Pollutant			No	
Road Transport Notes: This product is NOT regulated as a hazardous material under the regulation of IATA.				

15. REGULATORY INFORMATION

15.1 Chemical Safety Assessment

No data available.

15.1.1 HAZARD

CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008)

- This substance is classified as not hazardous according to regulation (EC) 1272/2008.

15.2 INTERNATIONAL REGULATIONS

- This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008/EC and 11014:2009.

16. OTHER INFORMATION

16.1 Other information

- For additional information regarding **Cargill B.V.** products please contact the **CARGILL TARIM VE GIDA SAN. TİC. A.Ş.**, Mert Özerdem - mert_ozerdem@cargill.com
- In all cases of potential poisoning supportive therapy is of the utmost importance.

16.2 Related Person

- Contact Person: Mert Özerdem – mert_ozerdem@cargill.com
- Doruk Chemical Management Systems, Engineering, Technology & Consultancy Inc. Co.
- Prepared by : Chemical Engineer Rabia Nur KANPARA (rabianur.kanpara@doruksistem.com.tr)
- **Competent Person Accreditation no: TÜRKAK/NBC SDS-01.65.16 / 04.12.2015**
- www.MsdsMarket.com ; info@doruksistem.com.tr ; 02163378383 (contact for further information if needed)

16.3 Revision Date, Version and SDS no

- Date : September 18, 2017
- Version: 1.1
- MSDS No: 323110

16.4 Reason of re-issue

- Compiling according to Regulation (EC) No 1272/2008.

16.5 Relevant H- and EUH-phrases (number and full text):

None

16.6 Legal disclaimer

- The purpose of the above information is to describe the products only in terms of health and safety requirements.
- The information given should not, therefore, be construed as guaranteeing specific

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properties or as specification.

- *Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.*
- *The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.*
- *The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.*
- *The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.*

¹ CLP: Classification Labelling and Packaging

² GHS: Global Harmonised System

³ ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

⁴ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

⁵ ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

⁶ IMDG: International Maritime Code for Dangerous Goods

⁷ ICAO: International Civil Aviation Organization

⁸ IATA: International Air Transport Association