

Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), 29CFR1910/1200 and GHS Rev. 3

Effective date: 05.10.2016

NatureWax® C-3 Flake

1 Identification of the substance/mixture and of the company/undertaking



1.1 Product identifier

Material Name: NatureWax® C-3 Flake

Product code: 100087265

1.2 Relevant identified uses of the substance or mixture and uses advised against: Candle wax

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer:

Cargill, Incorporated
Cargill Industrial Specialties
13400 15th Avenue North
Plymouth, MN 55441
1-800-842-3631, 1-952-984-9122
CIS_CustomerService@Cargill.com

Emergency telephone number:

ChemTel Inc

North America: 1-800-255-3924
International: 01-813-248-0585

2 Hazards identification

2.1 Classification of the substance or mixture:

In compliance with EC regulation No. 1272/2008, 29CFR1910/1200 and GHS Rev. 3 and amendments. The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

Hazard-determining components of labeling: None.

2.2 Label elements

Hazard pictograms: None

Signal word: None

Hazard statements:

None

Precautionary statements:

None

2.3 Other hazards: None known

Information concerning particular hazards for humans and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to EC regulation No. 1272/2008, 29CFR1910/1200 and GHS Rev. 3 and amendments, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

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3 Composition/information on ingredients

3.1 Chemical characterization: None

3.2 Description: None

3.3 Hazardous components (percentages by weight)

Identification	Name	Classification	Wt. %
CAS number: 8016-70-4	Soybean oil, hydrogenated		>95

3.4 Additional information: None.

4 First aid measures

4.1 Description of first aid measures

General information: None.

After inhalation:

Get medical advice if you feel unwell.
If inhaled, remove to fresh air.

After skin contact:

Wash with plenty of water / soap and rinse thoroughly.
Get medical advice if skin irritation occurs or you feel unwell.

After eye contact:

Avoid direct contact and wear chemical protective gloves, if necessary.
Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical advice/attention.

After swallowing:

Rinse mouth and do not induce vomiting.
Get medical advice if you feel unwell or concerned.

4.2 Most important symptoms and effects, both acute and delayed:

None

4.3 Indication of any immediate medical attention and special treatment needed:

No additional information.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable extinguishing media:

Do not use water as an extinguisher.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

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5.3 Advice for firefighters

Protective equipment:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

5.4 Additional information: None

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear recommended personal protective equipment.

Ensure adequate ventilation.

Ensure air handling systems are operational.

6.2 Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

6.3 Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Dispose of contents / container in accordance with local regulations.

6.4 Reference to other sections: None

7 Handling and storage

7.1 Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8).

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area.

Protect from freezing and physical damage.

Keep container tightly sealed.

7.3 Specific end use(s): No additional information.

8 Exposure controls/personal protection

8.1 Control parameters:

8.2 Exposure controls

Appropriate engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use

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or handling.

Respiratory protection:

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

If there are no applicable exposure limit requirements or guidelines, use a NIOSH-approved respirator.

Protection of skin:

Select glove material impermeable and resistant to the substance.

Eye protection:

Safety goggles or glasses, or appropriate eye protection.

General hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with skin, eyes and clothing.

Wash contaminated clothing before reusing.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (physical state, color):	Pale yellow, oily solid; liquid at elevated temperature	Explosion limit lower: Explosion limit upper:	Not determined or not available. Not determined or not available.
Odor:	Faint	Vapor pressure:	Not determined or not available.
Odor threshold:	Not determined or not available.	Vapor density:	Not determined or not available.
pH-value:	Not determined or not available.	Relative density:	Not determined or not available.
Melting/Freezing point:	125°F - 130°F	Solubilities:	Not soluble with water.
Boiling point/range:	Not determined or not available.	Partition coefficient (n-octanol/water):	Not determined or not available.
Flash point (closed cup):	> 600°F / 315°F	Auto/Self-ignition temperature:	Not determined or not available.
Evaporation rate:	Not determined or not available.	Decomposition temperature:	Not determined or not available.
Flammability (solid, gaseous):	Not determined or not available.	Dynamic viscosity:	Not determined or not available.
Density:	<0.920 - 0.925 g/cc	Kinematic viscosity:	Not determined or not available.

10 Stability and reactivity

10.1 Reactivity: Does not react under normal conditions of use and storage.

10.2 Chemical stability: Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions: None under normal conditions of use and storage.

10.4 Conditions to avoid: None known.

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10.5 Incompatible materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products: None known.

11 Toxicological information

11.1 Information on toxicological effects:

Routes of exposure: No information available.

Acute toxicity: No additional information.

Skin corrosion/irritation: No additional information.

Serious eye damage/irritation: No additional information.

Respiratory or skin sensitization: No additional information.

Carcinogenicity:

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

NTP (National Toxicology Program): None of the ingredients are listed.

Germ cell mutagenicity: No additional information.

Reproductive Toxicity: No additional information.

STOT-single and repeated exposure: No additional information.

Aspiration toxicity: No information available.

Additional toxicological information:

No additional information.

12 Ecological information

12.1 Toxicity: No additional information.

12.2 Persistence and degradability:

No additional information.

12.3 Bioaccumulative potential:

No additional information.

12.4 Mobility in soil:

No additional information.

General notes:

No additional information.

12.5 Results of PBT and vPvB assessment:

PBT: No additional information.

vPvB: No additional information.

12.6 Other adverse effects:

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No additional information.

13 Disposal considerations

13.1 Waste treatment methods

Relevant information:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies.

14 Transport information

Land transport:

DOT (49 CFR) transport

14.1 UN Number:	Not regulated.
14.2 UN Proper shipping name:	Not regulated.
14.3 UN Transport hazard classes:	
14.4 Packing group: Danger label:	Not regulated.
14.5 Environmental hazards:	No
14.6 Special precautions for user: None	

ADR/RID

14.1 UN Number:	Not regulated.
14.2 UN Proper shipping name:	Not regulated.
14.3 UN Transport hazard classes:	
14.4 Packing group: Danger label: Tunnel restriction code: Transport category: Hazard ID number:	Not regulated. None None None
14.5 Environmental hazards:	No
14.6 Special precautions for user: None	

Air transport:

IATA-DGR

14.1 UN Number:	Not regulated.
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14.2 UN Proper shipping name:	Not regulated.
14.3 UN Transport hazard classes:	
14.4 Packing group:	Not regulated.
Danger label:	
14.5 Environmental hazards:	No
14.6 Special precautions for user:	None

Sea transport: IMDG

14.1 UN Number:	Not regulated.
14.2 UN Proper shipping name:	Not regulated.
14.3 UN Transport hazard classes:	
14.4 Packing group:	Not regulated.
Danger label:	
EMS code:	None
14.5 Environmental hazards:	No
14.6 Special precautions for user:	None
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable

15 Regulatory information

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

North American

SARA Section 311/312 (Specific toxic chemical listings): Not classified.

SARA Section 302 (Extremely hazardous substances): None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

TSCA Rules and Orders: Not applicable.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

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Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL):

8016-70-4 Soybean oil, hydrogenated: listed.

European Union

REACH Article 57 (SVHC): None of the ingredients are listed.

Germany MAK: Not classified.

Australia

Australian Inventory of Chemical Substances (AICS):

8016-70-4 Soybean oil, hydrogenated: listed.

China

Inventory of Existing Chemical Substances in China (IECSC):

8016-70-4 Soybean oil, hydrogenated: listed.

Japan

Inventory of Existing and New Chemical Substances (ENCS):

8016-70-4 Soybean oil, hydrogenated: listed.

Korea

Existing Chemicals List (ECL):

8016-70-4 Soybean oil, hydrogenated: listed.

New Zealand

New Zealand Inventory of Chemicals (NZOIC):

8016-70-4 Soybean oil, hydrogenated: listed.

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS):

8016-70-4 Soybean oil, hydrogenated: listed.

Taiwan

Taiwan Chemical Substance Inventory (TSCI):

8016-70-4 Soybean oil, hydrogenated: listed.

16 Other information

Abbreviations and Acronyms: None

Manufacturer Statement:

This product has been classified in accordance within GHS guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 1-1-0

HMIS: 1-1-0