Prepared in accordance with the provisions of KKDIK Annex-2



Regulation, 23.06.2017, No: 30105

## CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Sales No. : EAM27722/00

CARAMEL POPCORN

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

Intended Use Fragrances : Perfume compound

1.3 Details of the supplier of the safety data sheet

Company

Givaudan Suisse SA Chemin de la Parfumerie 5 CH-1214 VERNIER

Telephone : +41227809111 Telefax : +41227809150

E-mail address : global.sds\_info@givaudan.com

Responsible/issuing person

1.4 Emergency Call

Givaudan 24/7 call : +33172110003

Please refer to section 16 for a full list of emergency phone numbers, from Givaudan's 24/7 provider.

## SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (REGULATION about classification, labeling and packaging of substances and mixtures No 28848)

Eye irritation, Category 2

H319: Causes serious eye irritation.

#### 2.2 Label elements

Labelling (REGULATION about classification, labeling and packaging of substances and mixtures No 28848)

Hazard pictograms



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Prepared in accordance with the provisions of KKDIK Annex-2



Regulation, 23.06.2017, No: 30105 CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention**:

P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with

water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing.

P337 + P313 If eye irritation persists: Get medical advice/

attention.

#### 2.3 Other hazards

Hazards not Otherwise : None

Classified.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

#### **Hazardous components**

| Chemical name                     | CAS-No.      | Classification     | Concentration |
|-----------------------------------|--------------|--------------------|---------------|
|                                   | EC-No.       | (Regulation TR     | [%]           |
|                                   | Registration | 28848)             |               |
|                                   | number       |                    |               |
| 3-Ethoxy-4-Hydroxybenzaldehyde (= | 121-32-4     | Eye Irrit. 2; H319 | >= 5 - < 10   |

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105

# **CARAMEL POPCORN**

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

| ethyl vanillin)                                  | 204-464-7<br>01-0000475002-27              | Acute toxicity estimate  Acute dermal toxicity: > 7 940,00 mg/kg   |             |
|--|--|--|-------------|
| 3-hydroxy-2-ethyl-4H-pyran-4-one (=ethyl maltol) | 4940-11-8<br>225-582-5<br>01-0000473658-66 | Acute Tox. 4; H302  Acute toxicity estimate  Acute oral toxicity: 1 150,00 mg/kg                                 | >= 5 - < 10 |
| 3-methoxy-4-hydroxy-benzaldehyde (= Vanillin)    | 121-33-5<br>204-465-2<br>01-0000476284-08  | Eye Irrit. 2; H319  Acute toxicity estimate  Acute oral toxicity: 3 300 mg/kg Acute dermal toxicity: 2 600 mg/kg | >= 1 - < 5  |

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : Immediately seek medical attention if chemical entered ear

canal.

In case of eye contact : Protect unharmed eye.

Remove contact lenses.

Immediately flush eye(s) with plenty of water.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Immediately consult Poison Control Center or physician.

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105 CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024

Print Date 15 NOV 2024

Keep respiratory tract clear. Do NOT induce vomiting.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

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

Symptoms : no data available

Risks : Causes serious eye irritation.

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

Treatment

Treat symptomatically.

## SECTION 5: Firefighting measures

## 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or

carbon dioxide.

Unsuitable extinguishing

media

: High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during : no data available

firefighting

5.3 Advice for firefighters

Special protective equipment

for firefighters

: Wear self-contained breathing apparatus for firefighting if

necessary.

Further information : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Keep people away from and upwind of spill/leak.

For emergency conditions, use an approved positive-pressure

self-contained breathing apparatus.

Material can create slippery conditions.
Use personal protective equipment.

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105 CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Clean contaminated floors and objects thoroughly while

observing environmental regulations.

Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

Not applicable

## SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the

application area.

Dispose of rinse water in accordance with local and national

regulations.

Advice on protection against

fire and explosion

: Normal measures for preventive fire protection.

Temperature class : no data available
Fire-fighting class : no data available
Dust explosion class : no data available

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage

areas and containers

: Keep container tightly closed in a dry and well-ventilated

place.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on : Ambient / 10-30℃ (50-85℉)

storage conditions

Dry, well ventilated, preferably full, hermetically sealed

Advice on common storage : Protect against light. Storage class (TRGS 510) : 10 Combustible liquids

Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2



Regulation, 23.06.2017, No: 30105

## CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

Specific use(s) : no data available

#### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the prod-uct's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE. The PPE indicated below are recommendations for worst-case scenario exposures. An exposure assessment will identify more applicable measures to be implemented. EN and ANSI standards are mentioned in the following recommendations, consult equivalent local standards when required.

PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE.

#### 8.2.1 Engineering measures

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.

#### 8.2.2 Personal protective equipment

Eye/face protection : Use safety goggles and faceshield tested according to EN

166/ ANSI Z87.1 or equivalent local standard.

Hand protection : Use gloves when handling substance in open systems.

Inspect gloves prior to use. Train operators for proper use. If only incidental exposure is expected: (work without direct contact to substance) use gloves tested according EN 16523-1/ASTM F739 or equivalent local standard breakthrough times at least 10 minutes, tested for chemicals indicated in chapter 3

of this SDS. Change gloves frequently.

If direct skin contact is expected: use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard, tested for chemicals indicated in chapter 3 of this SDS.

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2



# Regulation, 23.06.2017, No: 30105 CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

Permeation time must exceed contact time.

Other skin protection : Wear working clothes covering arms and legs.

Respiratory protection : Respiratory protection should be worn when workplace

exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, or where indicated by the exposure assessment. Selection of air-purifying or positive-pressure supplied-air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the potential airborne concentrations. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

In case a risk analysis proved the cartridge respirator as

acceptable, use type:

ABEK-P3 (EN 14387) OR Combination Multi-gas/P100 (42CFR84.193; ANSI Z88.7 or equivalent local standard) as a

backup to engineering controls.

In absence of engineering controls, use self-contained breathing apparatus or full face supplied air respirators. Use respirators and components tested and approved under appropriate government standards such as CEN (EU) or

NIOSH 42 CFR 84(US).

Thermal hazards : Wear appropriate thermal protective clothing, when

necessary.

Hygiene measures : Remove contaminated clothing and protective equipment

before entering eating areas.

Do not eat, drink or smoke during work.

Wash hands any time after handling the product.

#### 8.2.3 Environmental exposure controls

General advice : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state : liquid Form : Clear liquid

Colour : yellow to Pale green Taste : not determined

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2



Regulation, 23.06.2017, No: 30105

# CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

Odour : Food-like

. The applicable
. The Flammability : Not applicable
Particle size : no data available
Oxidizing properties : no data available
Auto-ignition temperature : not determined Decomposition temperature : no data available : not determined рΗ

Boiling point : not determined

Boiling point : not determined

Vapour pressure : 0,0792 hPa at 20 ℃ Calculated (100,0 %)

Density : 1 059,09 kg/m3 at 20 ℃

Bulk density : Not applicable

Water solubility : not determined

Solubility/qualitative : not determined

Partition coefficient: n- : Not applicable

octanol/water

Viscosity, kinematic : no data available Relative vapour density : no data available Evaporation rate : no data available Explosive properties : no data available

#### 9.2 Other information

Not applicable

#### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No decomposition if stored and applied as directed.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

#### 10.4 Conditions to avoid

Conditions to avoid : no data available

## 10.5 Incompatible materials

Materials to avoid : Not applicable

#### 10.6 Hazardous decomposition products

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105

# CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

Hazardous decomposition : no data available

products

Thermal decomposition : no data available

#### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

**Acute toxicity** 

Acute oral toxicity : Acute toxicity estimate

Dose: > 2 000 mg/kg

Method: Calculation method

**Acute oral toxicity** 

3-hydroxy-2-ethyl-4H-pyran-

: LD50: 1 150 mg/kg

Species: Rat

4-one (=ethyl maltol)

3-methoxy-4-hydroxybenzaldehyde (= Vanillin) : LD50: 3 300 mg/kg

Species: Rat

bonzardonydo (= varinin)

**Acute inhalation toxicity** : No data is available on the product itself.

**Acute dermal toxicity** : No data is available on the product itself.

**Acute dermal toxicity** 

3-Ethoxy-4-

Hydroxybenzaldehyde (=

.

: LD50: > 7 940 mg/kg

Species: Rabbit

ethyl vanillin)

,

3-methoxy-4-hydroxy-

benzaldehyde (= Vanillin)

: LD50: 2 600 mg/kg

Species: Rat

**Acute toxicity (other routes** 

of administration)

: No data is available on the product itself.

Skin corrosion/irritation

Skin irritation : May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Eye irritation : Vapours may cause irritation to the eyes, respiratory system

and the skin.

Respiratory or skin sensitisation

Sensitisation : No data is available on the product itself.

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2



Regulation, 23.06.2017, No: 30105

# **CARAMEL POPCORN**

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

Germ cell mutagenicity

Germ cell mutagenicity : No data is available on the product itself.

Carcinogenicity

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity

Not classified due to lack of data.

**Target Organ Systemic Toxicant - Single exposure** 

Target Organ Systemic : No data is available on the product itself.

Toxicant - Single exposure

**Target Organ Systemic Toxicant - Repeated exposure** 

Target Organ Systemic : No data is available on the product itself.

Toxicant - Repeated

exposure

Target Organ Systemic Toxicant - Repeated exposure

**Aspiration hazard** 

Aspiration toxicity : No data is available on the product itself.

**Phototoxicity** 

Phototoxicity : No data is available on the product itself.

Further information : no data available

11.2 Information on other hazards

**Endocrine disrupting properties** 

**Product:** 

Assessment : The substance/mixture does not contain components

considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

**Further information** 

**Product:** 

Remarks : no data available

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105

# **CARAMEL POPCORN**

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

## SECTION 12: Ecological information

#### 12.1 Toxicity

no data available

#### 12.2 Persistence and degradability

no data available

#### 12.3 Bioaccumulative potential

no data available

## 12.4 Mobility in soil

no data available

#### 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher.

#### 12.6 Endocrine disrupting properties

#### **Product:**

Assessment : The substance/mixture does not contain components

considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

## 12.7 Other adverse effects

#### **Product:**

Additional ecological

information

: no data available

#### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product : Send to a licensed waste management company.

Dispose of in accordance with local, state and federal

regulations.

The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105

## CARAMEL POPCORN

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

chemical or used container.

Contaminated packaging : Do not expose containers to high temperatures such as in hot

work processes.

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

Dispose of in accordance with local regulations.

## SECTION 14: Transport information

#### 14.1 UN number

N/A

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

## 14.3 Transport hazard class(es)

N/A

#### 14.4 Packing group

N/A

#### 14.5 Environmental hazards

N/A

#### 14.6 Special precautions for user

**IMDG** 

IMDG Code Segregation : None

Group

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Major Accident Hazard

Legislation

: Not applicable

Water hazard class : WGK 1 slightly hazardous to water

(Germany) Classification according to AwSV, Annex 1 (5.2)

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2  $\,$ 



Regulation, 23.06.2017, No: 30105

# **CARAMEL POPCORN**

Version 2.0 Revision Date 15 NOV 2024 Print Date 15 NOV 2024

## 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

## **Full text of H-Statements**

H302 : Harmful if swallowed.

H319 : Causes serious eye irritation.

#### Full list of Emergency response numbers worldwide.

|                       | Country                   | Phone nr                         |       | Country                     | Phone nr                          |
|-----------------------|---------------------------|----------------------------------|-------|-----------------------------|-----------------------------------|
|                       | All Europe                | +44 1235 239670                  | APAC  | All East/South<br>East Asia | +65 3158 1074                     |
|                       | France                    | +33 1 72 11 00 03                |       | Sri Lanka                   | +65 3158 1195                     |
|                       | Germany                   | +49 89 220 61012                 |       | Taiwan                      | +886 2 8793 3212                  |
|                       | Spain                     | +34 91 114 2520                  |       | Japan                       | 0120 015 230                      |
|                       | Italy                     | 800 699 792                      |       | Indonesia                   | 007 803 011 0293                  |
|                       | Netherlands               | +31 10 713 8195                  |       | Malaysia                    | +60 3 6207 4347                   |
| _                     | Turkey                    | 0800 621 2139<br>+44 1235 239670 |       | Thailand                    | 001 800 120 666 751               |
| Europe                | Norway                    | +47 2103 4452                    |       | India                       | +65 3158 1198<br>000 800 100 7479 |
|                       | Greece                    | +30 21 1198 3182                 |       | Pakistan                    | +65 3158 1329                     |
|                       | Portugal                  | +351 30880 4750                  |       | Bangladesh                  | +65 3158 1200                     |
|                       | Denmark                   | +45 8988 2286                    |       | Philippines                 | +63 2 8231 2149                   |
|                       | Sweden                    | +46 8 566 42573                  |       | Vietnam                     | +84 28 4458 2388                  |
|                       | Poland                    | +48 22 307 3690                  |       | Korea                       | +65 3158 1285                     |
|                       | Czech<br>replublic        | +420 228 882 830                 |       | South Korea                 | +82 2 3479 8401                   |
|                       | Finland                   | +358 9 7479 0199                 |       | Australia                   | +61 2 8014 4558                   |
|                       | All Middle<br>East/Africa | +44 1235 239671                  |       | New Zealand                 | +64 9 929 1483                    |
| Middle<br>East/Africa | Bahrain and Middle East   | +44 1235 239671                  |       | China                       | +86 532 8388 9090                 |
|                       | Africa/South<br>Africa    | +27 21 300 2732                  | LATAM | Mexico                      | +52 55 5004 8763                  |
| NOAM                  | USA and<br>Canada         | +1 866 928 0789                  |       | Brazil                      | +55 11 3197 5891                  |
| INOAW                 | USA and<br>Canada         | +1 215 207 0061                  |       | Chile                       | +56 2 2582 9336                   |

Administrative information:

Prepared in accordance with the provisions of KKDIK Annex-2

Givaudan

Regulation, 23.06.2017, No: 30105

# **CARAMEL POPCORN**

| Version 2.0 |        |                   | Revision Date 15 NO | V 2024 | Pi        | Print Date 15 NOV 2024 |  |  |
|-------------|--------|-------------------|---------------------|--------|-----------|------------------------|--|--|
|             |        |                   |                     |        |           |                        |  |  |
|             |        | USA and<br>Canada | +1 202 464 2554     |        | Colombia  | +57 1 508 7337         |  |  |
|             | Global | Global            | +44 1865 407333     |        | Argentina | +54 11 5984 3690       |  |  |

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 information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Givaudan.

## Prepared by

Name Surname: Esra Kurtoğlu

Contact Information: esra.purcek@givaudan.com

Certification Number: KDU-A-0-0250

Administrative information: