# SAFETY DATA SHEET

## Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. PRODUCT IDENTIFIER
**Product name:** Candle Chocolate Bar
**Mixture a unique formula identifier (UFI):** –.

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST
**Relevant identified uses:** Use as candle.
**Uses advised against:** Not available.

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
**Manufacturer/Supplier:**
UAB "Mandatus"
Mikulioniu str. 18, Mikulioniu village, LT-15140 Vilnius district, Lithuania
Tel. No.: +370 602 08320

**Electronic mail address of the person, responsible for the safety data sheet**:
E-mail: info@candlecan.com

### 1.4. EMERGENCY TELEPHONE NUMBER
Poison Control Centre (Austria)
Tel. No.: +43 1 406 4343

Antigif Centrum Centre Antipoisons (Belgium)
Tel. No.: +32 070 245 245

National Toxicology Center, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov" (Bulgaria)
Tel. No. / fax: +359 2 9154 233

Poison Control Centre (Croatia)
Tel. No.: +385 1 234 8342

Toxicological Information Centre (Czech Republic)
Tel. No.: +420 224 919 293 / +420 224 915 402

Poison Control Hotline (Denmark)
Tel. No.: +45 82 12 12 12

Poisoning Information Centre (Estonia)
Tel. No.: +372 626 93 90

Poison Information Centre (Finland)
Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)
Tel. No.: + 33 (0) 1 45 42 59 59

Health Toxicological Information Service (Hungary)
Tel. No.: +36 80 20 11 99

Poison Centre (Iceland)
Tel. No.: +354 543 2222

National Poisons Information Centre (Ireland)

Tel. No.: + 353 (0)1 809 2566 / + 353 (0)1 837 9964

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia)
Tel. No.: +371 670 42473

The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB) (Lithuania)
Tel. No.: +370 5 236 20 52

Mater Dei Hospital (Malta)
Tel. No.: +356 2545 0000

National Poisons Information Centre (NVIC) (Netherlands)
Tel. No.: +31 (0) 30 274 8888

Mental Health Helpline (Norway)
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)
Tel. No.: + 351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)
Tel. No.: +40 021 318 3606

National Toxicological Information Centre (NTIC) (Slovakia)
Tel. No.: +421 2 5477 4166

Toxicology Information Service (Spain)
Tel. No.: + 34 91 562 04 20

Swedish Poisons Information Centre (Sweden)
Tel. No.: +46 08 331231

## Section 2. HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**2.1.1. Classification according to Regulation (EC) No. 1272/2008 [CLP]**
Not Classified.

**2.1.2. Additional information:**
For full text of Hazard- and EU Hazard-statements: see section 16.

### 2.2. LABEL ELEMENTS

**2.2.1. Label according to Regulation (EC) No. 1272/2008 [CLP]**
Hazard pictograms: None.
Signal word: None.
Hazard statements: None.
Precautionary statements: None.

Supplemental Hazard information (EU): EUH208 – Contains cinnamaldehyde. May produce an allergic reaction.

### 2.3. OTHER HAZARDS

Product does not meet the criteria for a PBT or vPvB according to Regulation (EC) No. 1907/2006.

## Section 3. COMPOSITION/INFORMATION ON INGRIDIENTS

### 3.1. SUBSTANCES

Not applicable.

### 3.2. MIXTURES

| Substance | CAS No. | EC No. | Classification: According EC No. 1272/2008 | Concentration, w/w [%] |
|---|---|---|---|---|
| Cinnamaldehyde<br>----------<br>REACH reg. Nr. 01-2119935242-45-XXXX | 104-55-2 | 203-213-9 | Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>Eye Irrit. 2; H319 | 0.034-0.34 % |

**NOTE:** The text regarding the risk phrases is provided in Section 16.

## Section 4. FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

**General information**. Get medical attention if any discomfort develops and show this SDS.
**In case of inhalation.** Remove person to fresh air. Obtain medical attention immediately.
**In case of skin contact.** Wash with soap and water. If there are long-term irritation symptoms, consult a doctor.
**In case of eye contact.** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
**In case of ingestion.** Wash mouth with water and drink copious quantities of water. Seek medical advice immediately.
**Self-protection of the first aider.** Take care of your safety!

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Not available.

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically. The effects might be delayed. In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

## Section 5. FIREFIGHTING MEASURES

**General fire hazards.** Remove all unauthorized persons from the fire swept area.

### 5.1. EXTINGUISHING MEDIA

**Suitable extinguishing media.** Choose extinguishing media suitable for surrounding fire. Dry chemical, foam, carbon dioxide ($CO_2$).
**Unsuitable extinguishing media.** Do not use water jet.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**Hazardous combustion products.** Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Oxides of Carbon, Hydrocarbons and etc.

### 5.3. ADVICE FOR FIREFIGHTERS

**Special protective equipment for fire-fighters.** Fire-fighters should wear self-containing breathing apparatus and suitable protective clothing.
**Special fire-fighting procedures.** Move packages away from the fire area, if it can be done without risk. Use water mist/spray for cooling unopened packages. Cooling packages by pouring sufficient water and after fire go out.

## Section 6. ACCIDENTAL RELEASE MEASURES

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**For non-emergency personnel.** Put on appropriate personal protective equipment. Avoid breathing dust/vapour. Avoid contact with skin and eye. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. No flares, smoking or flames in hazard area. For personal protection, see Section 8.
**For emergency responders.** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

### 6.2. ENVIRONMENTAL PRECAUTIONS
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil).

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low area. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Wear appropriate protective equipment during clean up. Pick up mechanically. Prevent entry into waterways, sewers, basements or confined areas.

### 6.4. REFERENCE TO OTHER SECTIONS
For personal protection, see Section 8. For waste disposal, see section 13.

## Section 7. HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING
**Advice on safe handling.** Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes and skin. Avoid breathing dust/vapour. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
**Advice on protection against fire and explosion.** Keep away from heat. Keep away from sources of ignition.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
**Requirements for storage areas and containers.** Ensure adequate ventilation. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.
**Further information on storage conditions.** Keep in cool dry area. Avoid prolonged exposure to sunlight.

### 7.3. SPECIFIC END USE(S)
Not available.

## Section 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS
**Occupational exposure limits.** No occupational exposure limits noted for the ingredient.
**Biological limit values.** No biological exposure limits noted for the ingredient.

**Recommended monitoring procedures.** Follow standard monitoring procedures.

### 8.2. EXPOSURE CONTROLS
**General Information:** The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Use sealed systems as far as possible. Ensure adequate ventilation; for explosion protection - to control the concentration in the air within the specified limits.
**Appropriate engineering controls.** Ensure ventilation to control airborne concentrations below the exposure guidelines/limits.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT**
**General information.** Use personal protective equipment as required. Keep working clothes separately. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
**Eye/face protection.** Use protective glasses or safety goggles if splashing or spray-back is likely (EN 166).
**Skin protection:**
**-Hand protection.** Protective gloves. See information supplied by the manufacturer (EN 374).
**-Other skin protection.** Wear protective work clothing and shoes.
**Respiratory protection.** Local ventilation normally adequate. In case of inadequate ventilation or risk of inhalation of dust/vapour, suitable respiratory equipment (breathing mask). Seek advice from local supervisor (EN 149).
**Thermal hazards.** Not available.
**Hygiene measures.** Handle in accordance with good industrial hygiene and safety practices. When using, do not eat, drink or smoke. Wash hands before eating, breaks and after work.

### 8.3. ENVIRONMENTAL EXPOSURE CONTROLS
Avoid spilled material and to enter on soil, waterways, drains and sewers.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| PHYSICAL STATE: | solid (at ambient temperature) |
| COLOUR: | brown |
| ODOUR: | chocolate |
| MELTING POINT/FREEZING POINT: | not available |
| BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE: | not available |
| FLAMMABILITY (SOLID, LIQUID, GAS): | may be combustible at high temperature |
| LOWER AND UPPER EXPLOSION LIMIT: | not available |
| FLASH POINT: | >315 ºC |
| AUTO-IGNITION TEMPERATURE: | not determined |
| DECOMPOSITION TEMPERATURE: | not available |
| pH: | not available |
| KINEMATIC VISCOSITY: | not available |
| SOLUBILITY: | insoluble (water); partially soluble (ethanol); soluble (ether) |
| PARTITION COEFFICIENT (N-OCTANOL/WATER): | not available |
| VAPOUR PRESSURE: | not available |
| DENSITY AND/OR RELATIVE DENSITY: | not available |
| RELATIVE VAPOUR DENSITY: | not available |
| PARTICLE CHARACTERISTICS: | not available |

### 9.2. OTHER INFORMATION
**9.2.1. Information with regard to physical hazard classes**
Not available.
**9.2.2. Other safety characteristics**
Not available.

## Section 10. STABILITY AND REACTIVITY

### 10.1. REACTIVITY
The product is not reactive under normal conditions of use, storage and transport.

### 10.2. CHEMICAL STABILITY
Stable under normal conditions.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS
No dangerous reactions known.

### 10.4. CONDITIONS TO AVOID
Excessive heat.

### 10.5. INCOMPATIBLE MATERIALS
May react with strong oxidants (e.g. chlorates, peroxides).

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition may produce toxic vapours/fumes of oxides of carbon.

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) No. 1272/2008
**Acute toxicity.** No information available for the product.

**Information on hazards ingredients:**
Cinnamaldehyde, CAS No. 104-55-2:
Acute Toxicity (oral) LD50 – 2220 mg/kg (rat);
Acute Toxicity (inhalation) LC50 – 68.889 ppm/4h (rat);
Acute Toxicity (dermal) LD50 – >2000 mg/kg (rat).

**Skin corrosion/irritation.** Not classified.
**Serious eye damage/eye irritation.** Not classified.
**Respiratory or skin sensitisation.** Not classified.
**Germ cell mutagenicity.** Not classified.
**Carcinogenicity.** Not classified.
**Reproductive toxicity.** Not classified.
**STOT-single exposure.** Not classified.
**STOT-repeated exposure.** Not classified.
**Aspiration hazard.** Not applicable.

### 11.2. INFORMATION ON OTHER HAZARDS
#### 11.2.1. Endocrine disrupting properties
None.
#### 11.2.2. Other information
Not available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. TOXICITY
No information available for the product.

**Information on hazards ingredients:**
Cinnamaldehyde, CAS No. 104-55-2:
Aquatic toxicity (fish): LC50 – 2.35 mg/l/96h (Danio rerio);
NOEC – 15.159 mg/l/28d (Danio rerio);
Aquatic toxicity (invertebrate): EC50 – 3.21 mg/l/48h (Daphnia magna);
EC50 – 0.402 mg/l/21d (Daphnia magna);
Aquatic toxicity (algae): EC50 – 31.6 mg/l/72h (Desmodesmus subspicatus).

### 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
Not a PBT or vPvB substance or mixture.

### 12.6. OTHER ADVERSE EFFECTS
No data available.

## Section 13. DISPOSAL CONSIDERATION

### 13.1. WASTE TREATMENT METHODS

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Observe all federal, state and local environmental regulations.

## Section 14. TRANSPORT INFORMATION

Transport only in accordance with ADR for road haulage, RID for rail transportation, ADNR/IMDG for carriage by vessel/sea and IATA for carriage by air.

**14.1. UN number or ID number.** None.
**14.2. UN proper shipping name.** None.
**14.3. Transport hazard class (es).** None.
**14.4. Packing group.** None.
**14.5. Environmental hazards.** No.
**14.6. Special precautions for user.** Before use read the safety instructions in the safety data sheet and emergency procedures.
**14.7. Maritime transport in bulk according to IMO instruments.** Not applicable.

## Section 15. REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE
– Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);
– COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);
– On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;

– COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016;
– The European Agreement concerning International Carriage of Dangerous Goods by Road (ADR).

### 15.2. CHEMICAL SAFETY ASSESSMENT
For this product a chemical safety assessment has not been carried out.

## Section 16. OTHER INFORMATION

### 16.1. INDICATION OF CHANGES
Information contained in the Regulation 1907/2006/EC with the Regulation 2020/878.
**Indication of changes:** –.
Date of filling: 23-08-2021
Revision: –.
Version No.: 1

### 16.2. FULL TEXT OF HAZARD AND PRECAUTIONARY STATEMENTS
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

**Supplemental Hazard information (EU):** EUH208 – Contains cinnamaldehyde. May produce an allergic reaction.

**Abbreviations:**
Acute Tox. 4 – Acute Toxicity (oral); Hazard Category 4.
Skin Irrit. 2 – Skin irritation; Hazard Category 2.
Skin Sens. 1 – Skin sensitisation; Hazard Category 1.
Eye Irrit. 2 – Eye irritation; Hazard Category 2.

**Acronyms:**
ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID – Regulations concerning the International Carriage of Dangerous Goods by Rail.
IMDG – International Maritime Dangerous Goods.
IATA – International Air Transport Association.
IMO – International Maritime Organization.
vPvB – Very Persistent and Very Bioaccumulative.
PBT – Persistent, Bioaccumulative and Toxic substance.
LC50 – Lethal Concentration to 50 % of a test population.
LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).
EC50 – Effective concentration to 50% of a test population (half maximal effective concentration).
IC50 – Inhibitory concentration to 50% of a test population (half maximal inhibitory concentration).
CAS – Chemical Abstracts Service number.
CEN – European Committee for Standardisation.
STOT – Specific Target Organ Toxicity.
PNEC(s) – Predicted No Effect Concentration(s).
ACGIH – Association advancing occupational and environmental health.
NIOSH – National Institute of Occupational Safety and Health.
NOEC – No effect concentration.
SDS – Safety Data Sheet.

**KEY LITERATURE REFERENCES AND SOURCES FOR DATA:**

- The data provided by the European Chemicals Bureau (ECB), European Chemicals Agency (ECHA), Swedish Chemicals Agency (KEMI), International Laboratories Organization (ILO), the TOXNET Internet pages.

**Disclaimer**

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