**SAFETY DATA SHEET**

*In accordance with the criteria of Regulation No 1907/2006 (REACH) with further changes*

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**1.1 Product identifier:**

Super Aromas **Forest Fruits**

Product code: **SA-2020063**

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

Relevant identified uses: Concentrated flavour mix, for flavoring food, according to the quality specification.
Uses advised against: other than above.

**1.3 Details of the supplier of the safety data sheet:**

| | |
|---|---|
| Supplier: | Sobucky Sp. z o.o. Sp.k. |
| Address: | Tomasza Zana 11 A, 20-601 Lublin, Poland |
| Phone: | (+48) 530 900 757 |

E-mail address of the person responsible for the information card: info@sobucky.com

**1.4 Emergency telephone number:**

112 (general emergency phone number).

## SECTION 2: HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture.**

This mixture is not classified as hazardous to the environment and to human health according to Regulation (EC) No. 1272/2008.
Flam. Liq. 3, H226 flammable liquid and vapour, category 3 H226.

**2.2 Label elements.**

**Signal word: WARNING**
**Pictogram:**



**Contains d-limonene, eucalyptol, linalool. May produce an allergic reaction.**
**Hazard Statements H-phrases:**
H226 Flammable liquid and vapor.

**Precautionary statements P-phrases:**

| | |
|---|---|
| P280 | Wear protective gloves / protective clothing / eye protection / face protection. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P501 | Dispose of contents / container to an approved waste disposal plant. |

**2.3 Other hazards.**

This mixture does not met the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with Annex XIII. This mixture and its ingredients are not included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, and they are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain SVHC substances ≥ 0,1 %.
**Euh208 Contains d-limonene, eucaliptol, linalool. May produce an allergic reaction.**

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances.**

Not applicable.

**3.2 Mixtures.**

Hazardous components:

| Component | CAS No. | EINECS No. | w/w % | Index No./ REACH No. | Classification according to the Regulation (EC) No 1272/2008 |
|---|---|---|---|---|---|
| Ethyl butyrate | 105-54-4 | 203-306-4 | 2,5 - < 5 | Not applicable. | Flam. Liq. 3, H226; Eye Irrit. 2, H319 |
| ethyl acetate | 141-78-6 | 205-500-4 | 1 – 2,5 | Not applicable. | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 |
| cis-3-hexenol | 928-96-1 | 213-192-8 | 1 – 2,5 | Not applicable. | Flam. Liq. 3, H226; Eye Irrit. 2, H319 |
| 3-hydroxy-2-methyl-4-pyranone | 118-71-8 | 204-271-8 | 1 – 2,5 | Not applicable. | Acute Tox. 4, H302 LD50=1440 mg/kg |
| isoamyl acetate | 123-92-2 | 204-662-3 | < 1,0 | 607-130-00-2/ Not applicable. | Flam. Liq. 3, H226; |
| d-limonene | 5989-27-5 | 227-813-5 | < 1,0 | 601-096-00-2/ Not applicable. | Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; M=1 Aquatic Chronic 3, H412 |
| eucaliptol | 470-82-6 | 207-431-5 | < 1,0 | Not applicable. | Flam. Liq. 3, H226; Skin Sens. 1, H317 |
| linalol | 78-70-6 | 201-134-4 | < 1,0 | 603-235-00-2/ Not applicable. | Skin Sens. 1, H317 |

**Full text of H - phrases in section 16.**

## SECTION 4: FIRST AID MEASURES

The usual precautions for handling chemicals should be applied. In case of any symptoms of concern – call medical help. NEVER induce vomiting in an unconscious person.

**4.1 Description of first aid measures.**

| | |
|---|---|
| INHALANTION: | Remove from exposure to fresh air immediately. In case of lack of breathing, apply artificial respiration. Get medical aid if cough or other symptoms appear. |
| SKIN CONTACT: | Wash with water and soap. Remove contaminated clothes. If irritation persists or any tissue damage effect is apparent, obtain medical advice. |
| INGESTION: | If swallowed accidentally, do not induce vomiting. Rinse mouth with water and give 2 glasses of water. Obtain medical attention. |
| EYE CONTACT: | Immediately wash out with plenty of water for at least 15 minutes, also under the eyelids. If irritation persists consult with an ophthalmologist. |

**4.2 Most important symptoms and effects, both acute and delayed.**
May cause slight irritation to eyes. May cause slight irritation to skin. May cause gastro-intestinal irritation with nausea and vomiting.

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

## SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media.**

| | |
|---|---|
| Extinguishing media: | Foam, carbon dioxide or dry agent. |
| Inadvisable: | Direct water jet. |

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

| | |
|---|---|
| Flash point: | 30 °C. |
| Hazardous decomposition compounds: | CO, $CO_2$. |
| Fire-fighters protection: | Gas-tight clothing, insulating respiratory protection equipment. |

**5.3 Advice for firefighters.**
Personal protection typical in case of fire. Wear suitable respiratory equipment. Cool down containers with water from safe distance to prevent bursting and if possible removed from the affected area.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

For non-emergency personnel:

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid contact with spilled material. Danger of slipping, do not passed through spilled material. Wear adequate personal protective equipment. Do not allow the product to get into mouth.

For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8.
Suitable and unsuitable materials See Section 10.5. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions.**

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services. Protect drain wells against getting the mixture into the water and sewage system.

**6.3 Methods and material for containment and cleaning up.**

Remove all sources of ignition. Secure damaged packaging. Soak up with liquid-binding material (e.g. sand, universal binding agent, diatomaceous earth). Collect spilled material in containers. Disposal in accordance with the local legislation. Small amounts of the remaining mixture should be flushed down the drain with plenty of water. Clean the contamination place with detergents.

**6.4 References to other sections.**

No reference.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Do not inhale vapours. Ensure adequate ventilation. Before break and after work wash carefully hands. Keep not used containers tightly closed. Do not allow the product to get into mouth and eyes.

**7.2 Conditions of safe storage, including any incompatibilities**

Keep containers tightly closed in cool, dry and well-ventilated area. Keep away from food, beverages or feed for animals. After opening seal the container and store in an upright position to prevent leakage. Avoid heat and ignition sources. Keep away from direct sunlight. Tightly seal unused container. Store at 5-25 °C.

**7.3 Specific end use(s).**

No information about the applications other than those listed in subsection 1.2.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Control parameters.**

| Component | CAS | OSHA PEL 8-hour TWA | NIOSH REL Up to 10-hour TWA | CAL/OSHA PEL 8-hour TWA |
|---|---|---|---|---|
| Ethyl acetate | 141-78-6 | 400 ppm (1400 mg/m³) | 400 ppm (1400 mg/m³) | 400 ppm (1400 mg/m³) |
| Isoamyl acetate | 123-92-2 | 100 ppm (520 mg/m³) | 100 ppm (520 mg/m³) | 50 ppm (266 mg/m³) |

**8.2 Exposure controls.**

Control procedure: Ensure adequate ventilation and eye wash facilities.

Respiratory protection: Under normal use respirator is not required. However, if applied under circumstances where a mist is likely to appear handle using a fume cupboard or use engineering control system allowing an exhausted air to be mechanically removed from the working area.

Personal protection:

Precautions to avoid contact with skin and eyes are advisable when handling the product.

Hand protection:

Wear appropriate rubber gloves to prevent skin exposure.

Eye protection:

Wear safety glasses with side shields.

Industrial hygiene

Change contaminated clothing. Wash hands after work with the product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties.**

| | |
|---|---|
| Appearance: | Liquid |
| Colour: | colourless to yellow |
| Odour: | forest fruit |
| Melting point/freezing point: | No data |
| Boiling point or initial boiling point and boiling range | No data |
| Flammability: | flammable |
| Lower and upper explosion limit: | No data |
| Flash point: | 30 °C /the closed-cup method/ |
| Auto-ignition temperature: | No data |
| Decomposition temperature: | Not applies |
| pH value: | 4,8 |
| Kinematic viscosity: | No data |
| Solubility in water: | Yes |
| Partition coefficient n-octanol/water (log value): | Not applies |
| Vapour pressure: | No data |
| Density and/or relative density: | 1,0-1,04 g/cm³ (at 20 °C) |
| Relative vapour density: | No data |
| Particle characteristics: | Not applies |

**9.2 Other information.**
Lack of other information.

## SECTION 10: STABILITY AND I REACTIVITY

**10.1 Reactivity.**
Not reactive. The mixture is chemically stable and does not pose a reactivity hazard.
**10.2 Chemical stability.**
Mixture is stable under proper storage conditions.
**10.3 Possibility of hazardous reactions.**
Lack of hazardous reactions.
**10.4 Conditions to avoid.**
Keep away from heat and sources of ignition.
**10.5 Incompatible materials.**
Lack of incompatible materials. It is recommended to store the product in its original packaging.
**10.6 Hazardous decomposition products.**
No data.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.**

| | |
|---|---|
| acute toxicity: | Based on available data, does not meet the classification criteria. |
| skin corrosion/irritation: | Based on available data, does not meet the classification criteria. |
| serious eye damage/irritation: | Based on available data, does not meet the classification criteria. |
| respiratory or skin sensitization: | Based on available data, does not meet the classification criteria. |
| germ cell mutagenicity: | Based on available data, does not meet the classification criteria. |
| carcinogenicity: | Based on available data, does not meet the classification criteria. |
| reproductive toxicity: | Based on available data, does not meet the classification criteria. |
| STOT-single exposure: | Based on available data, does not meet the classification criteria. |
| STOT-repeated exposure: | Based on available data, does not meet the classification criteria. |
| aspiration hazard: | Based on available data, does not meet the classification criteria. |

Toxicological properties of hazardous substances in the mixture:
3-hydroxy-2-methyl-4-pyranone
LD50 oral /rat/: 1440 mg/kg
Ethyl acetate LC50 rat: 68 mg/l/6h
Acute effect of the mixture:
Eye irritation: May cause slight irritation to eyes.
Skin irritation: May cause slight irritation to skin.
Swallowed: May cause gastro-intestinal irritation with nausea and vomiting.

**11.2. Information on other hazards.**
Product not identified as having endocrine disrupting properties. No other data available.

## SEKCTION 12: ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention. Do not allow to enter into public sewers and watercourses.

**12.1 Toxicity.**
Based on available data, does not meet the classification criteria.
Ecotoxicity data for hazardous substances in the mixture:
d-limonene:
LC50:96h (Pimphales promelas): 0.7 mg/l
EC50:48h (Daphnia magna): 0.4 mg/l
**12.2 Persistence and degradability.**
Not available.
**12.3 Bioaccumulative potential.**
Not available.
**12.4 Mobility in soil.**
Not available.
**12.5 Results of PBT and vPvB assessment.**
The substances in the mixture do not meet the criteria for classification as PBT or vPvB in accordance with Annex XIII REACH.
**12.6 Endocrine disrupting properties.**
Product not identified as having endocrine disrupting properties.
**12.7 Other adverse effects.**
No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods.**
Product: Do not empty into drains. This material and its container must be disposed of in a safe way.
Disposal should be in accordance with local, state or national legislation.
Flammable mixture. Do not pour the mixture into the sewage system. In order to remove used packaging and waste mixture, contact an authorized waste disposal company.

## SECTION 14: TRANSPORT INFORMATION

ADR / RID
**14.1 UN number or ID number.**
1197
**14.2 UN proper shipping name.**
EXTRACTS, LIQUID
**14.3 Transport hazard class(es).**
3
**14.4 Packing group.**

**14.5 Environmental hazards.**
Does not meet the criteria.
**14.6 Special precautions for user.**
Please see ADR/RIN regulation for detailed information.
**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 and 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 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
**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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
**COMMISSION REGULATION (EU) 2020/878** of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
**Classification of dangerous goods** according to the European Agreement concerning the international carriage of goods by road hazardous (ADR). European directive on waste.
**15.2. Chemical safety assessment.**
Chemical safety assessment was not performed for this mixture.

## SECTION 16: OTHER INFORMATION

Version:
2.0 adapting the SDS to the new format.
STEL : Short-term exposure limit
TWA : Time Weighted Averages
PBT: Persistent, Bioaccumulative and Toxic.
vPvB : Very persistent and very bioaccumulative.
SVHC : Substances of Very High Concern.
This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations.
The information contained herewith is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements. It does not guarantee any specific properties. It does not assure any safe conditions of work if used out of line of normal handling or inconsistently with normal ways of application and occupational practices.

| Classification according to Regulation (EC) No. 1272/2008 | Classification procedure |
|---|---|
| Flam. Liq. 3, H226 | Based on research |

**Hazard Statement Code(s)**

H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H400 Very toxic to aquatic organisms.
H412 Harmful to aquatic life with long lasting effects.