

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

1.1 Product identifier:

Super Aromas **Milky & Caramel cream**

Product code: **SA-2020058**

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

Concentrated flavour mix, for flavoring food, according to the quality specification

1.3 Details of the supplier of the safety data sheet:

Supplier: Sobucky Poland sp. z o.o. Sobucky Ltd sp.k.
Address: Tomasz 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

Classification according to 1272/2008/EC

Skin Sens. 1, H317

Eye Dam. 1, H318

Carc. 1B, H350

2.2 Label elements

Warning Symbol: -



DANGER!

Hazard Statement Code:

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H350 May cause cancer.

Precautionary P statement:

P280	Wear protective gloves / protective clothing / eye protection / face protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove the lenses contacts, if present and easy to remove.
P308 + P313	IF exposed or concerned: Get medical advice / attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice / attention doctor.
P501	Dispose of contents / container to an approved waste disposal plant

Contains: - 2,3-butanedione, acetaldehyde

2.3 Other hazards

Supplementary information on the hazard
not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

Hazardous components:

Component	CAS	Einecs	w/w %	Classification according to the Regulation (EC) No 1272/2008
2,3-butanodion	431-03-8	207-069-8	2,5 – 9	Flam. Liq. 3, H225 Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT SE 2, H373
ethyl acetate	141-78-6	205-500-4	2,5 – 9	Eye Irrit. 2, H319 STOT SE 3, H335 Muta. 2, H341 Carc. 2, H350

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

4.1 Description of first aid measures

INHALATION:	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:	75°C
Hazardous decomposition compounds:	CO, CO2

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.

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 pass 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.

6.3 Methods and material for containment and cleaning up

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. Clean the contamination place

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	NDS (mg/m3)	NDSch (mg/m3)	NDSP (mg/m3)
acetaldehyde	75-07-0	-	-	45

8.2 Exposure controls

Control procedure: Ensure adequate ventilation.

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 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 – pale yellow to yellow, possible iridescence
Odour:	Milky
pH value:	No data
Boiling point:	No data
Flash point:	75°C /the closed-cup method/
Relative density:	1,060 - 1,100 g/cm ³ (at 20°C)
Solubility in water	No data
Viscosity:	No data
Soluble in water:	No

9.2 Other information

Lack of other information

SECTION 10: STABILITY AND I REACTIVITY**10.1 Reactivity**

Not reactive

10.2 Chemical stability

Mixture is stable.

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

10.6 Hazardous decomposition products

No data

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	No
Irritating effect:	No
Serious eye damage / eye irritation:	Yes
Respiratory or skin sensitization:	Yes
Corrosive effect:	No
Sensitization:	No
Carcinogenicity:	May cause cancer.
Mutagenic effects:	Not applicable
Effects on reproduction:	Not applicable

Toxicological properties of hazardous substances in the mixture

Acute:

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

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

2,3-butanodion

oral: DL50 = 1580 mg/kg

acetaldehyde

LD50 oral / rat /: 675 mg / kg

LC50 inhalation / rat /: 4h - 13300ppm

LD50 dermal / rabbit /: 3540 mg / kg

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

Not available

12.6 Other adverse effects

Not 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

No indication

14.2 UN proper shipping name

No indication

14.3 Transport hazard class(es)

No indication

14.4 Packing group

No indication

14.5 Environmental hazards

No data

14.6 Special precautions for user

No indication

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

SECTION 15: REGULATORY INFORMATION

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) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment.

There is no data concerning chemical safety assessment performed for this mixture.

SECTION 16: OTHER INFORMATION

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
Skin Sens. 1, H317	Calculation method
Eye Dam. 1, H318	Calculation method
Carc. 1B, H350	Calculation method

Hazard Statement Code(s)

H224 Extremely flammable liquid and vapor.

H225 Highly flammable liquid and vapor.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Irritating to eyes.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H373 May cause damage to organs through prolonged or repeated exposure.