



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

Product identifier:

Mango flavor, no. 10548-00-00

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

Relevant identified uses:

flavoring

Remark

Not suitable for pure consumption!

Details of the supplier of the safety data sheet

Supplier:

Ekokoza s.r.o.

Fryčovice 297

73945 Fryčovice

eshop@ekokoza.cz

+420605779993

IČ:07508247

“

Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/ denně) Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)

Emergency telephone number:

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

hazard class	hazard category	hazard statements
Flam. Liq.	3	H226 Flammable liquid and vapour.

Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



GHS02

Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P303+P361+P353 IF ON SKIN (or hair): Take-off immediately all contaminated clothing. Rinse skin with water [or shower].

P370+P378: In case of fire: Use foam, powder, sand to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Other hazards

None

SECTION 3: Composition/information on ingredients

Mixtures



Hazardous ingredients:			
ethanol	REACH-Nr.: 01-2119457610-43-xxxx; EG-Nr.: 200-578-6; CAS-Nr.: 64-17-5	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	≥10-≤25%
citric acid monohydrate	REACH-Nr.: 01-2119457026-42-0008 EG-Nr.: 201-069-1;611-842-9 CAS-Nr.: 5949-29-1	Eye Irrit. 2 (H319) STOT SE 3 (H335)	≥0,1-≤1%

SECTION 4: First aid measures

Description of first aid measures

Remove victim out of the danger area. Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice.

General information

Observe risk of aspiration if vomiting occurs.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

Self-protection of the first aider

First aider: Pay attention to self-protection!

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Sand Foam Carbon dioxide (CO₂) Dry extinguishing powder

Unsuitable extinguishing media

Full water jet

Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO_x) Sulphur oxides

Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures



Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation.

Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Reference to other sections

None

SECTION 7: Handling and storage

Precautions for safe handling

All work processes must always be designed so that the following is excluded: Inhalation of vapours or spray/mists Skin contact Eye contact If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Protective measures

Measures to prevent fire

Keep away from sources of ignition - No smoking.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Conditions for safe storage, including any incompatibilities

Floors should be impervious, resistant to liquids and easy to clean. Provide for retaining containers, e.g. floor pan without outflow. Keep/Store only in original container. Keep container tightly closed. Ensure adequate ventilation of the storage area.

Further information on storage conditions

Protect against : Heat. UV-radiation/sunlight

Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:

ETHANOL: CAS-Nr.: 64-17-5

Limit type (country of origin): TRGS 900 (Germany)

Limit: 500 ppm / 960 mg/m³

Peak limitation: 2(II)

Remark: Y

Version:

Information on the workplace limit value according to the RCP method according to TRGS 900 (Germany)

Limit type (country of origin): calculated RCP workplace limit (Germany)

Limit: not relevant

Exposure controls

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Personal protection equipment



**Eye/face protection**

Eye glasses with side protection

Skin protection

Hand protection

Disposable gloves.

Suitable material : Butyl caoutchouc (butyl rubber)

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties****Safety characteristics**

state of aggregation: liquid

color: yellow

odor: Fruit-like

Odour threshold: Not determined.

Melting point/freezing point: Not determined.

Boiling point or start of boiling and

Boiling range: Not determined.

Flammability: Not determined.

Lower and upper explosion limits

Lower: Not determined.

Upper: Not determined.

Flash point: < 60°C

Decomposition temperature: Not determined.

pH-value: Not determined.

Viscosity: Not determined.

Kinematic Viscosity: Not determined.

Dynamic at 20 °C: Not determined.

Solubility

water: Not very miscible.

Partition coefficient: n-octanol/water: Not determined.

Vapour pressure at 20 °C: Not determined.

Relative density: Not determined.

density at 20 °C: 0,98 +/- 0,05g/cm³

Relative density: Not determined.

Vapor tight: Not determined.

Other information

None

SECTION 10: Stability and reactivity**Possibility of hazardous reactions**

No information available.

Chemical stability**Thermal decomposition/conditions to avoid**

No decomposition when used as intended.

Possibility of dangerous reactions

No dangerous reactions known.

Conditions to avoid

No further relevant information available.

Incompatible materials

No further relevant information available.

Hazardous decomposition products

No hazardous decomposition products known



SECTION 11: Toxicological information

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

Acute toxicity Based on the available data, the classification criteria are not met.

Classification-relevant LD/LC50 values:

CAS: 64-17-5 Ethanol

Oral LD50 7.060 mg/kg (rat)

Inhalation LC50/4 h 20.000 mg/l (rat)

Corrosion/irritation to skin

Based on the available data, the classification criteria are not met.

Serious eye damage/irritation

Based on the available data, the classification criteria are not met.

Respiratory/skin sensitization

Based on the available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity after single exposure

Based on the available data, the classification criteria are not met.

Specific target organ toxicity after repeated exposure

Based on the available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information about other dangers

Endocrine disrupting properties

None of the ingredients are included.

SECTION 12: Ecological information

Toxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

Endocrine disrupting properties

No information available.

Other adverse effects

No information available.

SECTION 13: Disposal considerations

Waste treatment methods

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

ABSCHNITT 14: Angaben zum Transport

UN-number: UN 1197

UN proper shipping name

**ADR/RID, IMDG**

EXTRACTS, FLAVOURING, LIQUID

IATA

EXTRACTS, FLAVOURING, LIQUID

Transport hazard class(es)**ADR/RID**

Class: 3 Flammable liquids.

Classification code : F1

Hazard identification number (Kemler code): 30

Tunnel restriction code : D/E

Limited quantities (LQ) : LQ 5 I · E 1

Transport category: 3

IMDG

Class: 3 Flammable liquids.

EmS-No. : F-E / S-D

Limited quantities (LQ) : LQ 5 I · E 1

Transport category: 3

ICAO-TI / IATA-DGR

Class: 3 Flammable liquids.

Limited quantities (LQ) : E 1

Transport category: 3

Packing group

III

Environmental hazards

ADR/RID : No

IMDG : No

ICAO-TI / IATA-DGR : No

Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3

Chemical Safety Assessment

No information available.

SECTION 16: Other information**Indication of changes**

None

Abbreviations and acronyms

None

Key literature references and sources for data

None

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

Relevant H- and EUH-phrases (Number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation

Training advice



None

Additional information

None

The information in this safety data sheet is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not constitute a contractual legal relationship.