



Safety Data Sheet

Product: **00849 Pear Flavour**

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

00849 Pear Flavour

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

Use of the substance/preparation

Food flavouring

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

A/S Einar Willumsen

Abildager 23-25

DK-2605 Brøndby

Telephone no. +45 4345 2244

Fax no. +45 4345 9400

E-mail address of person responsible for this SDS mail@ewflavours.com

1.4. Emergency telephone number

Swedish Poisons Information Centre: +46 10 456 6700 / Einar Willumsen Hotline +45 7026 2556

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3 H226

Eye Dam. 1 H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H226

Flammable liquid and vapour.

H318

Causes serious eye damage.

EUH208 Contains

trans-2-Hexenal, May produce an allergic reaction.

Precautionary statements

P210

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

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact



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P310
P403+P233
P501

lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container to a specialised processing facility for disposal in accordance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)
contains butan-1-ol

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Hazardous ingredients

Ethanol

| | | | | |
|---------------|--------------|---|------|---|
| CAS No. | 64-17-5 | | | |
| EINECS no. | 200-578-6 | | | |
| Concentration | >= 25 | < | 50 | % |
| | Flam. Liq. 2 | | H225 | |
| | Eye Irrit. 2 | | H319 | |

butan-1-ol

| | | | | |
|---------------|---------------|---|------|---|
| CAS No. | 71-36-3 | | | |
| EINECS no. | 200-751-6 | | | |
| Concentration | >= 3 | < | 10 | % |
| | Flam. Liq. 3 | | H226 | |
| | Acute Tox. 4 | | H302 | |
| | Skin Irrit. 2 | | H315 | |
| | Eye Dam. 1 | | H318 | |
| | STOT SE 3 | | H335 | |
| | STOT SE 3 | | H336 | |

| | | | |
|-------|------|-----|-------|
| cATpE | oral | 500 | mg/kg |
|-------|------|-----|-------|

trans-2-Hexenal

| | | | | |
|---------------|---------------|---|------|---|
| CAS No. | 6728-26-3 | | | |
| EINECS no. | 229-778-1 | | | |
| Concentration | >= 0,1 | < | 1 | % |
| | Flam. Liq. 3 | | H226 | |
| | Acute Tox. 3 | | H311 | |
| | Acute Tox. 4 | | H302 | |
| | Skin Irrit. 2 | | H315 | |
| | Eye Irrit. 2 | | H319 | |
| | Skin Sens. 1 | | H317 | |

| | | | |
|-------|--------|-----|-------|
| cATpE | dermal | 300 | mg/kg |
|-------|--------|-----|-------|

Further ingredients

-



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4. First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Take affected person to fresh air. Remove affected person from danger area, lay him down. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately. In any case show the physician the Safety Data Sheet.

After inhalation

Remove the casualty into fresh air and keep him calm. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Rinse out mouth and give plenty of water to drink.

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

Until now no symptoms known so far.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry chemical extinguisher, Carbon dioxide, Water

5.2. Special hazards arising from the substance or mixture

In the event of a fire, toxic and combustible gases can be formed.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. Wear protective clothing.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove persons to safety. Keep away sources of ignition. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.



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7. Handling and storage**7.1. Precautions for safe handling***Advice on safe handling*

Avoid impact, friction and electro-static loading; risk of ignition! Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities*Requirements for storage rooms and vessels*

Keep in original packaging, tightly closed.

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

7.3. Specific end use(s)

Food flavouring

8. Exposure controls/personal protection *****8.1. Control parameters***Exposure limit values ******Ethanol**

| | | | | |
|-------|------|-------------------|------|--------|
| List | GV | | | |
| Value | 1900 | mg/m ³ | 1000 | ppm(V) |

butan-1-ol

| | | | | |
|-------|-----|-------------------|----|--------|
| List | GV | | | |
| Value | 150 | mg/m ³ | 50 | ppm(V) |

Skin resorption / sensibilisation: H; Remarks: L

2-methylbutyl acetat

| | | | | |
|-------|-----|-------------------|----|--------|
| List | GV | | | |
| Value | 266 | mg/m ³ | 50 | ppm(V) |

Other information

There are not known any further control parameters.

8.2. Exposure controls*General protective and hygiene measures*

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Butyl rubber gloves

Eye protection

Safety glasses with side protection shield; Face shield

Body protection

Light protective clothing



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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Clear liquid

Colour Colourless

Flash point

Value 25 °C

Solubility in water

Soluble in water yes

Solubility in other solvents

Soluble in oil no

Density and/or relative density

Value 0,984 ± 0.030 g/cm³

9.2. Other information

None known

10. Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

Protect from heat/overheating.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Protect from heat/overheating.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

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

Acute oral toxicity

ATE > 10.000 mg/kg

Method calculated value (Regulation (EC) No. 1272/2008)

Acute dermal toxicity

ATE > 10.000 mg/kg

Method calculated value (Regulation (EC) No. 1272/2008)

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined



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Sensitization

Remarks not determined

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

11.2 Information on other hazards

Other information

No toxicological data are available.

12. Ecological information

12.1. Toxicity

General information

not determined

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

12.6 Endocrine disrupting properties

General information

not determined

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special



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waste disposal site.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Ethanol)

14.3. Transport hazard class(es)

Class 3

Label 3

14.4. Packing group

Packing group III

14.8. Other transport information

Tunnel restriction code D/E

Marine transport IMDG/GGVSee

14.1. UN number

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Ethanol)

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group III

Air transport ICAO/IATA

14.1. UN number

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Ethanol)

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group III

15. Regulatory information

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

Other information

The product is intended as a flavouring component in foodstuffs and complies with EC Regulation 1334/2008.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.



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16. Other information

Hazard statements listed in Chapter 3

| | |
|------|--------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |

CLP categories listed in Chapter 3

| | |
|---------------|--|
| Acute Tox. 3 | Acute toxicity, Category 3 |
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquid, Category 2 |
| Flam. Liq. 3 | Flammable liquid, Category 3 |
| Skin Irrit. 2 | Skin irritation, Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| STOT SE 3 | Specific target organ toxicity - single exposure, Category 3 |

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.