

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Uddermint 35% 506643

Product no.

506643

REACH registration number

Not applicable

Other means of identification

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

Relevant identified uses of the substance or mixture

NA

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Teisen Products Ltd.
Bradley Green
Redditch
Worcs. B96 6RP. (UK)
Tel. +44 1527 821 488 Fax. +44 1527 821 665

Contact person

Sven Teisen

E-mail

sales@teisenproducts.com

SDS date

12-02-2016

SDS Version

1.0

1.4. Emergency telephone number

Use your national or local emergency number
See section 4 "First aid measures"

SECTION 2: Hazards identification

▼ 2.1. Classification of the substance or mixture

Skin Sens. 1; H317
Skin Irrit. 2; H315
Aquatic Chronic 2; H411

See full text of H-phrases in section 2.2.

2.2. Label elements

▼ Hazard pictogram(s)

According to EC-Regulation 1907/2006 (REACH)



Signal word

Warning

Hazard statement(s)

May cause an allergic skin reaction. (H317)
Causes skin irritation. (H315)
Toxic to aquatic life with long lasting effects. (H411)

Safety statement(s)

General	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
Prevention	Avoid breathing mist/vapours/fume/spray. (P261). Wear protective gloves/protective clothing. (P280).
Response	Collect spillage. (P391).
Storage	-
Disposal	Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

Limonene, (-)-pin-2(3)-en, -, -pin-2,10,-ene

2.3. Other hazards

Additional labelling

Contains D-Limonen, cineol. May produce an allergic reaction.

Additional warnings

-

VOC

-

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME: L-menthol
IDENTIFICATION NOS.: CAS-no: 2216-51-5 EC-no: 218-690-9
CONTENT: 10-15%
CLP CLASSIFICATION: Skin Irrit. 2
H315

NAME: trans-menthon
IDENTIFICATION NOS.: CAS-no: 89-80-5 EC-no: 201-941-1
CONTENT: 5-10%
CLP CLASSIFICATION: Flam. Liq. 3, Aquatic Chronic 3
H226, H412

NAME: (-)-pin-2(3)-en
IDENTIFICATION NOS.: CAS-no: 7785-26-4 EC-no: 232-077-3
CONTENT: 1-3%
CLP CLASSIFICATION: Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1
H226, H304, H315, H317

NAME: -, -pin-2,10,-ene
IDENTIFICATION NOS.: CAS-no: 18172-67-3 EC-no: 242-060-2
CONTENT: 1-3%
CLP CLASSIFICATION: Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1
H226, H304, H315, H317, H319, H400, H410

NAME: isomenthon
IDENTIFICATION NOS.: CAS-no: 491-07-6 EC-no: 207-727-4
CONTENT: 1-3%
CLP CLASSIFICATION: Acute Tox. 4
H302

According to EC-Regulation 1907/2006 (REACH)

NAME:	p-menth-1-en-8-ol
IDENTIFICATION NOS.:	CAS-no: 98-55-5 EC-no: 202-680-6
CONTENT:	1-3%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2 H315, H319
NAME:	L-menthylacetat
IDENTIFICATION NOS.:	CAS-no: 2623-23-6 EC-no: 220-076-0
CONTENT:	1-3%
CLP CLASSIFICATION:	Aquatic Chronic 2 H411
NAME:	Limonene
IDENTIFICATION NOS.:	CAS-no: 138-86-3 EC-no: 205-341-0 Index-no: 601-029-00-7
CONTENT:	1-3%
CLP CLASSIFICATION:	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1 H226, H304, H315, H317, H400, H410
NAME:	D-Limonen
IDENTIFICATION NOS.:	CAS-no: 5989-27-5 EC-no: 227-813-5 Index-no: 601-029-00-7
CONTENT:	<1%
CLP CLASSIFICATION:	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 H226, H315, H317, H400, H410

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

Other informations

ATEmix(inhale, vapour) > 20
 ATEmix(inhale, dust/mist) > 20
 ATEmix(inhale, dust/mist) > 20000
 ATEmix(dermal) > 2000
 ATEmix(oral) > 2000
 Eye Cat. 2 Sum = Sum(Ci/S(G)CL) = 0,42 - 0,63
 Skin Cat. 2 Sum = Sum(Ci/S(G)CL) = 1,7848 - 2,6772
 N chronic (CAT 2) Sum = Sum(Ci/M(chronic))*25*0.1*10^CATi = 1,5708 - 2,3562
 N acute (CAT 1) Sum = Sum(Ci/M(acute))*25 = 0,15288 - 0,22932

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Not applicable

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

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed

According to EC-Regulation 1907/2006 (REACH)

protein as a foreign body and will try to destroy it.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

No special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of a leakage to the surroundings, contact the local environmental authorities. Consider putting up waste collecting trays/basins to prevent leakage to the surroundings.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Consider putting up waste collecting trays/basins to prevent leakage to the surroundings. See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original.

Storage temperature

No data available.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No data available

DNEL / PNEC

No data available.

According to EC-Regulation 1907/2006 (REACH)

8.2. Exposure controls

No control is necessary if the product is used in a normal way.

General recommendations

▼ Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

There are no maximum exposure limits for the substances contained in this product.

Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

Special work clothing should be used.

Hand protection

Use protective gloves. The concrete work situation is not known. Contact the suppliers of the gloves for help on the glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity	Density (g/cm ³)
Cream	White	Characteristic	5,5-6,5	-	0,92

Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-
Explosion limits (Vol %)	Oxidizing properties	
-	-	

Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

9.2. Other information

Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

According to EC-Regulation 1907/2006 (REACH)

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
L-menthol	Rabbit	LD50	Dermal	> 5000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Test duration	Result
D-Limonen	Daphnia	EC50	48 timer	0,73 mg/l
L-menthol	Fish	LC50	96 hours	19 mg/l
L-menthol	Daphnia	EC50	48 hours	26,6 mg/l
L-menthol	Algae	EC50		20 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
L-menthol	Yes	No data available	79 %

12.3. Bioaccumulative potential

Substance

Potential bioaccumulation

LogPow

BFC

No data available.

12.4. Mobility in soil

D-Limonen: Log Koc= 3,428137, Calculated from LogPow (Moderate mobility potential.). L-menthol: Log Koc= 3,38 (Moderate mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Waste

EWC code

-

Specific labelling

-

Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

14.1 – 14.4

ADR/RID

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

Notes

Tunnel restriction code

IMDG

UN-no.

Proper Shipping Name

Class

PG*

EmS

MP**

Hazardous constituent

IATA/ICAO

UN-no.

Proper Shipping Name

Class

PG*

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

Demands for specific education

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Additional information

Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H226 - Flammable liquid and vapour.

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.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

H411 - Toxic to aquatic life with long lasting effects.

H412 - Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

-

Other symbols mentioned in section 2

-

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

GM

Date of last essential change (First cipher in SDS version)

-

Date of last minor change (Last cipher in SDS version)

-