

Safety Data Sheet according to regulation (EG) 1907/2006



Trade name: Gute Laune (2030)

Revised on: 19.10.2022

Version: 1

print date: 19.10.2022

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1. Product and company identification

1.1 Product Identifier

Gute Laune (2030)

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

Use of the substance / mixture : Cosmetic ingredient

1.3 Details of the supplier of the safety data sheet

Manufacturer / supplier: Nöring Naturprodukte GmbH & Co. KG

street: St. Huberter Str. 82

Nat.-Ident./ postcode/ town: D - 47906 Kempen

Phone: +49 (0) 2152 99446-0

Fax: +49 (0) 2152 4139

E-Mail: info@noering-naturprodukte.de

1.4 Emergency telephone number:

Nöring Naturprodukte GmbH & Co. KG, St. Huberter Str. 82, 47906 Kempen,

Tel.: +49 (0) 2152 99446-0 (Mo.-Do. 8-17 Uhr Fr. 8-15 Uhr)

Tel.: +49 (0) 551 192 40 (Giftinformationszentrum Nord)

2. Hazard identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 3	Flammable liquid and vapour.
Skin Irrit. 2	Causes skin irritation.
Eye Dam. 1	Causes serious eye damage.
Skin Sens. 1	May cause an allergic skin reaction.
Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.
Asp. Tox. 1	May be fatal if swallowed and enters airways.
Aquatic Acute 1	Very toxic to aquatic life.
Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No 1272/2008 (CLP)

Pictograms



Signal word Danger

Hazard statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

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H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contact areas thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P310 Immediately call a POISON CENTER/doctor. Seek immediate medical attention if you feel unwell.
P321 Specific measures (see supplemental first aid instructions on this label or in the SDS).
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use dry chemical, foam or CO2 for extinction.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with all applicable regulations.

Special Provisions

EUH208 Contains alpha-pinene. May produce an allergic reaction.
EUH208 Contains beta-pinene. May produce an allergic reaction.
EUH208 Contains citral. May produce an allergic reaction.
EUH208 Contains Linalool. May produce an allergic reaction.
EUH208 Contains (R)-p-Mentha-1,8-diene. May produce an allergic reaction.
EUH208 Contains 3,7-Dimethyl-3,6-octadienal. May produce an allergic reaction.
EUH208 Contains citronellol. May produce an allergic reaction.
EUH208 Contains eugenol. May produce an allergic reaction.

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Contains

(R)-p-Mentha-1,8-diene, citral, Geraniol, beta-pinene, gamma-terpinene, alpha-pinene

3. Composition / Information on ingredient

3.2. Mixtures

Oil mixture of lemon oil, grapefruit oil and lemongrass oil

Name	Classification	Qty
Limonen CAS-Nr. 138-86-3	Flam. Liq. 3 ; H226, Skin Irrit. 2 ; H315, Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400, Aquatic Chronic 1 ; H410	≥ 70
Citral CAS-Nr. 5392-40-5	Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Eye Irrit. 2; H319	5 - 10
Beta-Pinen CAS-Nr. 127-91-3	Flam. Liq. 3 ; H226, Skin Irrit. 2 ; H315, Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410	5 - 10
Gamma-Terpinene CAS-Nr. 99-85-4	Flam Liq. 3 ; H226, Repr. 2 ; H361, Aquatic Chronic 2 ; H411	5 - 10
Alpha-pinene CAS-Nr. 80-56-8	Flam. Liq. 3 ; H226 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317, Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410	0,1 - 5
Linalool CAS-Nr. 78-70-6	Skin Sens. 1B ; H317, Skin Irrit. 2 ; H315, Eye Irrit. 2 ; H319	0,1 – 1
Geraniol CAS-Nr. 106-24-1	Skin Irrit. 2 ; H315, Skin Sens. 1B ; H317, Eye Dam. 1 ; H318	0,1 - 1
Myrcene CAS-Nr. 123-35-3	Flam Liq. 3 ; H226, Skin Irrit. 2 ; H315, Eye Irrit. 2 ; H319, Aquatic Acute 1 ; H400, Aquatic Chronic 1 ; H410	0,1 - 1
Citronellol CAS-Nr. 106-22-9	Skin Irrit. 2 ; H315, Skin Sens. 1B ; H317, Eye Irrit. 2 ; H319	< 0,1
Eugenol CAS-Nr. 97-53-0	Skin Sens. 1B ; H317, Eye Irrit. 2 ; H319	< 0,1

4. First aid measures

4.1. Description of first aid measures

Never give anything by mouth to an unconscious person.

Skin contact Immediately take off all contaminated clothing. Remove contaminated clothing immediately and dispose off safely. After contact with skin, wash immediately with soap and plenty of water.

Eyes contact After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.

Ingestion Do not induce vomiting, get medical attention showing the SDS and label hazardous. If symptoms persist consult doctor.

Inhalation Remove casualty to fresh air and keep warm and at rest.

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

Eye irritation, Eye damages, Skin Irritation, Erythema

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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5. Fire fighting

5.1. Extinguishing media

Suitable extinguishing media

CO₂ or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion or combustion gases. Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus. Collect contaminated fire extinguishing water. Do not discharge into drains. Move undamaged containers from immediate hazard area but only if it can be done safely.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Remove all sources of ignition. Remove persons to safety. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Closed recipients, away from the light, in a cool, dry place (optimum storage temperature between 10°C and 25°C). Shake before using. Always keep in a well ventilated place. Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight. Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight. Avoid accumulating electrostatic charge.

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Incompatible materials

None in particular.

Instructions regarding storage premises

Cool and adequately ventilated. Safety electric system.

8. Exposure controls / Personal protection

8.1. Control parameters

Community Occupational Exposure Limits (OEL)

	OEL Type	Country	Long Term mg/m ³	Long Term ppm	Short Term mg/m ³	Short Term ppm
(R)-p-Mentha-1,8-diene MAK CAS: 5989-27-5		Germany	28	5		
	NATIONAL	Germany			112	20
	NATIONAL	Finland	140	25	280	50
	NATIONAL	Germany	28	5		
	NATIONAL	Spain	168	30		
	NATIONAL	France	1000		1500	
alpha-pinene CAS: 80-56-8	ACGIH			20		
	NATIONAL	Spain	113	20		
	NATIONAL	Portugal		20		
	NATIONAL	Belgium		20		
beta-pinene CAS: 127-91-3	ACGIH			20		
	NATIONAL	Spain	113	20		
	NATIONAL	Portugal		20		
	NATIONAL	Belgium		20		
Citral CAS: 5392-40-5	ACGIH			5		
	NATIONAL	Spain		5		
	NATIONAL	Poland	27		54	

8.2. Exposure controls

Eye protection

Use close fitting safety goggles, don't use eye lens.

Protection for skin

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection

Not determined

Hygienic and Technical measures

Not determined

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State: Liquid
Appearance and colour: yellow / greenish / orange
Odour: charakteristic
Flash point: 44 °C

10. Stability and reactivity

10.1. Reactivity

It may generate dangerous reactions (See subsections below)

10.2. Chemical stability

It may generate dangerous reactions (See subsections below)

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Avoid accumulating electrostatic charge.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None

11. Toxicological Information

11.1. Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity	Not classified Based on available data, the classification criteria are not met
b) skin corrosion/irritation	The product is classified: Skin Irrit. 2(H315)
c) serious eye damage/irritation	The product is classified: Eye Dam. 1 (H318)
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1(H317)
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j) aspiration hazard	The product is classified: Asp. Tox. 1(H304)

Toxicological information on main components of the mixture

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(R)-p-Mentha-1,8-diene	a) acute toxicity	LD50 Oral Rat = 5200 mg/kg LD50 Skin Rabbit > 5 g/kg LD50 Oral Rat = 4400 mg/kg
myrcene	a) acute toxicity	LD50 Oral Rat > 5 g/kg LD50 Skin Rabbit > 5 g/kg
alpha-pinene	a) acute toxicity	ATE - Oral : 500 mg/kg bw LD50 Oral Rat = 3700 mg/kg LD50 Skin Rat > 5000 mg/kg
beta-pinene	a) acute toxicity	LD50 Oral Rat > 5000 mg/kg LD50 Skin Rabbit > 5000 mg/kg
citral	a) acute toxicity	LD50 Oral Rat = 4960 mg/kg LD50 Skin Rabbit = 2250 mg/kg
gamma-terpinene	a) acute toxicity	LD50 Oral Rat = 3650 mg/kg
Linalool	a) acute toxicity	LD50 Oral Rat = 2790 mg/kg LC50 Inhalation Mouse = 3.2 mg/l 1h
Geraniol	a) acute toxicity	LD50 Skin Rabbit > 5 g/kg LD50 Oral Rat = 3600 mg/kg
citronellol	a) acute toxicity	LD50 Skin Rabbit = 2650 mg/kg LD50 Oral Rat = 3450 mg/kg
eugenol	a) acute toxicity	LD50 Oral Rat = 1930 mg/kg

12. Ecological Information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information

Very toxic to aquatic organisms.

Harmful to aquatic life with long lasting effects.

List of Eco-Toxicological properties of the components

(R)-p-Mentha-1,8-diene CAS: 5989-27-5 EINECS: 227-813-5 INDEX: 601-029-00-7

a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 0.619 mg/L 96h EPA - 0.619 - 0.796 flow-through

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 35 mg/L 96h EPA

alpha-pinene CAS: 80-56-8 EINECS: 201-291-9

a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 0.28 mg/L 96h IUCLID - static

a) Aquatic acute toxicity : LC50 Daphnia Daphnia magna = 41 mg/L 48h IUCLID

citral CAS: 5392-40-5 EINECS: 226-394-6 INDEX: 605-019-00-3

a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 7 mg/L 48h IUCLID

a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 16 mg/L 72h IUCLID

Linalool CAS: 78-70-6 EINECS: 201-134-4 INDEX: 603-235-00-2

a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 20 mg/L 48h IUCLID

a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 88.3 mg/L 96h IUCLID

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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	No PBT Ingredients are present
12.6. Other adverse effects	Not determined

13. Disposal recommendations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

German Water Hazard Class Class 3: extremely hazardous.

14. Transport information

14.1. UN number 3082

14.2. UN proper shipping name

ADR / IATA / IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-Mentha-1,8-diene - myrcene)

14.3. Transport hazard class(es)

ADR / IATA / IMDG Class: 9

14.4. Packing group

ADR / IATA / IMDG III

14.5. Environmental hazards

Most important toxic component: Limonene

Toxic ingredients quantity: 9.00

Very toxic ingredients quantity: 95.82

Marine pollutant: Yes

Environmental Pollutant: Yes

14.6. Special precautions for user

ADR exempt: No

ADR-Label: 9

ADR - Hazard identification number: 90

ADR-Special Provisions: 274 335 375 601

ADR-Transport category (Tunnel restriction code): 3 (D/E)

IATA-Passenger Aircraft: 964

IATA-Cargo Aircraft: 964

IATA-Label: 9

IATA-Subsidiary hazards: -

IATA-Erg: 9L

IATA-Special Provisions: A97 A158 A197

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IMDG-Stowage Code:	Category A
IMDG-Stowage Note:	-
IMDG-Subsidiary hazards:	-
IMDG-Special Provisions:	274 335 969
IMDG-Page:	N/A
IMDG-Label:	N/A
IMDG-EMS:	F-E, S-F
IMDG-MFAG:	N/A

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

Not Available

15. Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) 2015/830

16. Other information

Code Description

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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Code Hazard class and hazard category Description

- 2.6/3 Flam. Liq. 3 Flammable liquid, Category 3
- 3.1/4/Oral Acute Tox. 4 Acute toxicity (oral), Category 4
- 3.10/1 Asp. Tox. 1 Aspiration hazard, Category 1
- 3.2/2 Skin Irrit. 2 Skin irritation, Category 2
- 3.3/1 Eye Dam. 1 Serious eye damage, Category 1
- 3.3/2 Eye Irrit. 2 Eye irritation, Category 2
- 3.4.2/1 Skin Sens. 1 Skin Sensitisation, Category 1
- 3.4.2/1B Skin Sens. 1B Skin Sensitisation, Category 1B
- 3.7/2 Repr. 2 Reproductive toxicity, Category 2
- 4.1/A1 Aquatic Acute 1 Acute aquatic hazard, category 1
- 4.1/C1 Aquatic Chronic 1 Chronic (long term) aquatic hazard, category 1
- 4.1/C2 Aquatic Chronic 2 Chronic (long term) aquatic hazard, category 2
- 4.1/C3 Aquatic Chronic 3 Chronic (long term) aquatic hazard, category 3

The information is based on our current level of knowledge, but does not represent any assurance of product properties and does not establish a contractual legal relationship.
