

SAFETY DATA SHEET

according to Regulation (EC) N° 1907/2006

ANABAC PEACH

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Sales reference: Anabac® Peach

Product code: 320500

UFI code: 8AW2-X0VV-X00G-1PH1

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

Fragrance in soft gelatin capsule to be used as an autoclave deodorant during sterilization processes.

1.3. Details of the supplier of the safety data sheet

INTERSCIENCE SAS

30, chemin du Bois des Arpents - 78860 Saint-Nom-la-Bretèche - FRANCE

Tel: +33 01 34 62 62 61

info@interscience.com

www.interscience.com

1.4. Emergency telephone numbers

For European countries, please refer to ECHA website update:

<https://echa.europa.eu/fr/support/helpdesks/>

<https://poisoncentres.echa.europa.eu/fr/appointed-bodies>

https://echa.europa.eu/documents/10162/2322249/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d?t=1628515444598

For the rest of the world, refer to the WHO directory of poison information centres:

https://apps.who.int/poisoncentres/PoisonCentres_201902.pdf

List of Emergency numbers worldwide.

Country	Phone number	Website
Australia	+61 2 9845 3969 / 131126	
Austria	+43 1 406 43 43	https://goeg.at/Vergiftungsinformation
Belgium	+32 70 245 245	https://www.poissoncentre.be/
Bulgaria	+359 2 9154 233	https://www.moew.government.bg/bg/prevantivna-dejnost/himichni-vestestva/klasifikaciya-clp/nacionalen-centur-potoksikologiya/
Canada	1 800 268 9017 / 911	https://infopoison.ca/fr/
China	+86 10 831 32 045 / 120	
Croatia	+3851 2348 342	https://www.imi.hr/hr/jedinica/centar-za-kontrolu-otrovanja/
Cyprus	1401	http://www.mlsi.gov.cy/mlsi/dli/dliup.nsf/All/44E02FF962E75D0DC2257DDA00288E83?OpenDocument
Czech Republic	+420 224 919 293 / +420 224 915 402	<a href="https://www.cenia.cz/odborna-podpora/reach/bezpecnostni-listy/<">https://www.cenia.cz/odborna-podpora/reach/bezpecnostni-listy/<
Denmark	+45 8212 1212	https://www.bispebjerghospital.dk/giftlinjen/Sider/default.aspx
Estonia	16662	https://www.terviseamet.ee/en/chemical-and-product-safety/data-for-safety-data-sheet
Finland	800 147 111 / 09 471 977	https://www.hus.fi/en/medical-care/medical-services/Poison%20Information%20Centre/Pages/default.aspx
France	01 45 42 59 59	https://reach-info.ineris.fr/Numero_orfila
Germany	+49 30 3068 6711 / 112	https://www.reach-clp-biozid-helpdesk.de/DE/REACH/Sicherheitsdatenblatt/Sicherheitsdatenblatt-EN/Emergency-Telephone-number.html
Greece	+30 21 07 79 37 77	https://echa.europa.eu/documents/10162/23019181/poison_info_centre_en.pdf/58b0f281-a6f8-4362-a0b9-faad57c7fcff
Hungary	+36 80 201 199	https://www.nnk.gov.hu/index.php/kemiai-biztonsagi-es-kompetens-hatosagi-fo/egeszsegugyi-toxikologiai-tajekoztato-szolgalat
Iceland	+354 543 22 22 / +354 543 1000 / 112	http://www.landspitali.is/?PageID=14556

Country	Phone number	Website
India	+91 112 659 36 77 / 112	https://www.secourisme.net/spip.php?breve443
Ireland	+353 1 809 2166 / 01 809 2166 (8am - 10pm) / 01 809 2566 (24/7)	https://www.poisons.ie/
Israel	+972 485 42 725 / 04-7771900 (24/7) / 101	https://www.rambam.org.il/en/departmentsandclinics/laboratories-division/clinical-pharmacology-and-toxicology/national-center-for-the-treatment-of-poisoning/
Italy	+39 06 301 54 492 / +39 06 305 4343 / +39 06 499 78 000 / 118	https://preparatipericolosi.iss.it/cav.aspx
Japan	+81 72 727 2499 / +81 29 852 9999 / 119	https://mediv8.com/poisons-information/japan-poison-information-center-head-office/
Latvia	+371 670 42473	https://www.meteo.lv/en/lapas/environment/chemical-substances-/reach/reach_en?&id=1483&nid=410
Lithuania	+370 85 236 2052	http://www.apsinuodijau.lt/
Luxembourg	+352 8002 5500	https://www.centreantipoisons.be/entreprises/english/how-declare/declarations-grand-duchy-Luxembourg
Malta	+356 234 41 111	https://deputyprimeminister.gov.mt/en/Pages/Contact-Us.aspx
Norway	+47 22 59 13 00	https://helsenorge.no/Giftinformasjon
Poland	+48 (12) 411 99 99	
Portugal	+351 800 250 250	https://www.inem.pt/category/servicos/centro-de-informacao-antivenenos/
Romania	+40 213 183 606	
Russia	+7 495 628 1687 / 112 / 103	https://www.petitfute.com/v51044-moscou/c1172-pense-fute-services/c1136-sante/c876-urgence/
Saudi Arabia	800 442 628 1687 / 937	
Slovakia	+421 2 5477 4166	http://www.ntic.sk/ntic_en.php?adr=safetydata
Slovenia	+386 1 522 1293 / +386 1 434 7645 / 112	
South Africa	+27 086 155 5777 / +27 824 910 160 / 999	

Country	Phone number	Website
South Korea	+82 (0)42 605 7030 / +82 (0)43 830 4000 / (+82-)119	https://nics.me.go.kr/ https://nics.me.go.kr/eng/main.do
Spain	+34 91 562 04 20	https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/portal-reach-clp/novedades/detalle_novedades.aspx?id=tcm:30-193752-16
Sweden	+46 (0)10 456 6700 / +46 (0)10 456 6750 / 112	
Switzerland	+41 44 251 51 51 / 145 (24/24)	https://www.vaudfamille.ch/N241017/tox-info-suisse-urgence-145-24h24h.html
Thailand	+66 (0)220 11084-6 / +66 2 419 9912 / 191 / 1669	https://ogocare.com/1669-and-191-emergency-numbers-to-call-in-thailand/
The Netherlands	+31 30 274 88 88	https://www.umcutrecht.nl/nl/Subsites-nl/Nationaal-Vergiftigingen-Informatie-Centrum-(NVIC)/Productinformatie/Informationsheet-product-notification
Turkey	+90 0312 433 70 07 / 112 / 114	https://www.istanbulaccueil.net/les-numeros-durgence/
United Arab Emirates	800 424 / 998	
United Kingdom	+44 844 892 0111 / 999 / 111	https://www.toxbase.org/
United States of America	+1 800 222 122 / 911	https://www.poison.org/

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to regulation (EC) N° 1272/2008.

Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to regulation (EC) N° 1272/2008.

Hazard pictogram



GHS07

Warning statement : Warning

Product identifiers:

EC 201-134-4	LINALOOL
EC 203-093-8	METHYL CINNAMATE
EC 204-872-5	BETA-PINENE
EC 268-264-1	2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE
EC 201-291-9	ALPHA-PINENE
EC 245-842-1	(2E)-1-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (BETA-DAMASCONONE)
EC 245-833-2	1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE

Hazard statements:

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102	Keep out of reach of children.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash skin 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/ eye protection/ face protection

Precautionary statements – Response:

P302 + P352 IF ON SKIN: Wash with plenty of water/...

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see ... on this label).

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists : Get medical advice / attention.

P362 + P364 Take off contaminated clothing and wash before reuse.

Precautionary statements - Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under Article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with Annex XIII of the REACH Regulation (EC) No 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3. COMPOSITION/INFORMATIONS ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Composition (classification according to regulation (EC) N° 1272/2008 [CLP])

Name	No#-CAS_No#-CE_ No record	Classification (CE) No 1272/2008	Concentration (%)
GAMMA- UNDECALACTONE	104-67-6 203-225-4 01-2119959333-34- XXXX	Aquatic Chronic 3, H412	10 $\leq$ x % < 25
LINALOOL	78-70-6 201-134-4 01-2119474016-42- 0000	Skin Irrit. 2, H315 Skin Sens. 1B, H317' Eye Irrit. 2, H319	2.5 $\leq$ x % < 10

Name	No#-CAS_No#-CE_ No record	Classification (CE) No 1272/2008	Concentration (%)
2-tert-butylcyclohexyl acetate	88-41-5 201-828-7 01-2119970713-33	Aquatic Chronic 2, H411	2.5 <= x % <10
ETHYLENE BRASSYLATE	105-95-3 203-347-8 01-2119976314-33	Aquatic Chronic 3, H412	2.5 <= x % <10
Phenethyl alcohol	60-12-8 200-456-2 01-2119963921-31	Acute Tox 4, H302 Eye Irrit. 2, H319	0 <= x % < 2.5
ALLYL HEPTANOATE	142-19-8 205-527-1 01-2119488961-23-XXXX	Acute Tox 3, H301 Acute Tox 3, H311 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1	0 <= x % < 2.5
METHYL CINNAMATE	103-26-4 203-093-8 01-2119979458-16-0000	Skin Sens. 1B, H317'	0 <= x % < 2.5
BETA-PINENE	127-91-3 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317' Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	0 <= x % <2.5
BENZALDEHYDE	100-52-7 202-860-4 01-2119455540-44	Acute Tox. 4, H302 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 Repr. 2, H361 Aquatic Chronic 2, H411	0 <= x % <2.5
2,4-Dimethyl-3-cyclohexene-1-Carboxaldehyde	68039-49-6 268-264-1 01-2119982384-28	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	0 <= x % < 2.5

Name	No#-CAS_No#-CE_ No record	Classification (CE) No 1272/2008	Concentration (%)
ALPHA-PINENE	80-56-8 201-291-9 01-2119519223-49-XXXX	Flam. Liq. 3, H226 Acute Tox 4, H302 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317' Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	0 <= x % < 2.5
(2E)-1-(2,6,6-Trimethyl-1-Cyclohexen-1-yl)-2-Buten-1-One (Beta-Damascone)	23726-91-2 245-842-1 01-2120094433-55-0000	Skin Irrit. 2, H315 Skin Sens. 1B, H317' Aquatic Chronic 2, H411	0 <= x % < 2.5
1-(2,6,6-TrimethylCyclohexa-1,3-dien-yl)-2-Buten-1-One	23696-85-7 245-833-2 01-2120105798-49-0000	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 2, H411	0 <= x % < 2.5

Specific concentration limits :

Identification	ATE
LINALOOL CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42-0000	Oral ATE = 2790 mg/kg BW
2-TERT-BUTYLCYCLOHEXYLACETATE CAS 88-41-5 EC 201-828-7 REACH 01-2119970713-33	Oral ATE = 4600 mg/kg BW
PHENETHYL ALCOHOL CAS 60-12-8 EC 200-456-2 REACH 01-2119963921-31	Oral ATE = 1610 mg/kg BW
ALLYL HEPTANOATE CAS 142-19-8 EC 205-527-1 REACH 01-2119488961-23-XXXX	Dermal ATE = 810 mg/kg BW Oral ATE = 218 mg/kg BW
METHYL CINNAMATE CAS 103-26-4 EC 203-093-8 REACH 01-2119979458-16-0000	Oral ATE = 2610 mg/kg BW
BENZALDEHYDE CAS 100-52-7 EC 202-860-4 REACH 01-2119455540-44	Inhalation ATE = 1.5 mg/l 4h (dust/mist) Oral ATE = 1430 mg/kg BW

Identification	ATE
2,4-Dimethyl-3-Cyclohexen-1-Carboxaldehyde CAS 68039-49-6 EC 268-264-1 REACH 01-2119982384-28	Oral ATE = 2330 mg/kg BW
(2E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-Buten-1-One CAS 23726-91-2 EC 245-842-1 REACH 01-2120094433-55	Oral ATE = 2920 mg/kg BW

For the full text of the H-statements mentioned in this Section see Section 16.

SECTION 4. FIRST AIDS MEASURES

4.1. Description of first aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.

In case of contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes, holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In case of contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing:

Do not give the patient anything orally.

If swallowed, if the quantity is small (not more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

Symptoms : no data available.

Risks : no data available.

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

Treatment : no data available.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Non-flammable.

Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- foam
- ABC multi-purpose powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction:

In case of fire, do not use:

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may cause health risks.

Do not breathe fumes.

In the event of fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed under sections 7 and 8.

For non first aid worker:

Avoid contact with skin and eyes.

For first aid worker:

First aid workers will be equipped with suitable personal protective equipment (see section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.

6.3. Methods and materials for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Instructions for storage rooms are applicable to workshops where the mixture is handled.
People with a history of skin sensitisation should not handle this mixture under any circumstances.

Wash hands after each use.

Remove and wash contaminated clothing before reuse.

Ensure adequate ventilation, especially in enclosed areas.

Fire prevention:

Handle in well ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe label precautions and occupational safety regulations.

Avoid contact of the mixture with skin and eyes.

Opened packages should be carefully resealed and stored in an upright position.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage:

Keep container tightly closed in a dry, well-ventilated place.

Packaging:

Always keep in packaging of the same material as the original one.

7.3. Specific end use(s)

Specific use(s): no data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):
BENZALDEHYDE (CAS: 100-52-7)**

Final use: Workers.

Exposure method: Dermal contact

Potential health effects: Long term systemic effects

DNEL: 34.7 mg/kg body weight/day

Exposure method: Dermal contact

Potential health effects: Long term local effects

DNEL: 4.5 mg of substance/cm²

Exposure method: Inhalation

Potential health effects: Long term systemic effects

DNEL: 10.4 mg of substance/m³

Exposure method: Inhalation

Potential health effects: Long term local effects

DNEL: 6.3 mg of substance/m³

Final use: consumers

Exposure method: Ingestion

Potential health effects: Long term local effects

DNEL: 2.7 mg/kg body weight/day

Exposure method: Dermal contact

Potential health effects: Long term systemic effects

DNEL: 25 mg/kg body weight/day

Exposure method: Dermal contact

Potential health effects: Long term local effects

DNEL: 2.7 mg of substance/cm²

Exposure method: Inhalation

Potential health effects: Long term systemic effects

DNEL: 2.1 mg of substance/m³

Exposure method: Inhalation

Potential health effects: Long term local effects

DNEL: 1.3 mg of substance/m³

LINALOOL (CAS: 78-70-6)

Final use: Workers

Exposure method: Dermal contact

Potential Health Effects: Short-term systemic effects

DNEL: 5 mg/kg body weight/day

Exposure method: Dermal contact
Potential Health Effects: Short-term local effects
DNEL: 15 mg substance/cm²

Exposure method: Dermal contact
Potential health effects: Long-term systemic effects
DNEL: 2.5 mg/kg body weight/day

Exposure method: Dermal contact
Potential health effects: Long-term local effects
DNEL: 15 mg substance/cm²

Exposure method: Dermal contact
Potential health effects: Short-term systemic effects
DNEL: 2.5 mg/kg body weight/day

Exposure method: Inhalation
Potential Health Effects: Short-term systemic effects
DNEL: 16.5 mg substance/m³

Exposure method: Inhalation
Potential health effects: Long-term systemic effects
DNEL: 2.8 mg substance/m³

Final use: Consumers

Exposure method: Ingestion
Potential Health Effects: Short-term systemic effects
DNEL: 1.2 mg/kg body weight/day

Exposure method: Ingestion
Potential Health Effects: Long-term systemic effects
DNEL: 0.2 mg/kg body weight/day

Exposure method: Dermal contact
Potential health effects: Short-term local effects
DNEL: 15 mg substance/cm²

Exposure method: Dermal contact
Potential health effects: Long-term systemic effects
DNEL: 1.25 mg/kg body weight/day

Exposure method: Dermal contact
Potential health effects: Long-term local effects
DNEL: 15 mg substance/cm²

Exposure method: Inhalation
Potential health effects: Short-term systemic effects
DNEL: 4.1 mg substance/m³

Exposure method: Inhalation
Potential health effects: Long-term systemic effects
DNEL: 0.7 mg substance/m³

Predicted no effect concentration (PNEC) :**LINALOOL (CAS: 78-70-6)**

Environmental compartment: Soil

PNEC: 0.327 mg/kg

Environmental compartment: Fresh water

PNEC : 0.2 mg/l

Environmental compartment: Sea water

PNEC: 0.02 mg/l

Environmental compartment: Intermittent waste water

PNEC: 2 mg/l

Environmental compartment: Fresh water sediment

PNEC: 2.22 mg/kg

Environmental compartment: Marine sediment

PNEC: 0.222

8.2. Exposure controls

Personal protective equipment

Pictogram(s) requiring the wearing of personal protective equipment (PPE)



Use clean and properly maintained personal protective equipment. Store personal protective equipment in a clean place, away from the work area. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Hand protection

Use suitable gloves that are resistant to chemical agents in accordance with EN ISO 374-1 standard.

The selection of gloves should be made according to the application and the duration of use at the workstation.

Protective gloves need to be selected to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, thermal protection), level of dexterity required.

Recommended type of gloves:

- Nitrile rubber (Butadiene-acrylonitrile copolymer (NBR))
- PVA (Polyvinyl alcohol)

Eye protection

Avoid contact with the eyes.

Before handling, it is necessary to wear side protection glasses in accordance with ISO 16321 standard.

In case of increased danger, use a face shield to protect the face. Wearing prescription glasses does not provide protection.

It is recommended that contact lenses wearers use corrective glasses when working with irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

Skin and body protection

Avoid contact with skin. Wear suitable protective clothing.

Type of suitable protective clothing:

If there is a risk of splashing, wear chemical protective clothing (type 6) in accordance with EN13034/A1 standard to avoid contact with the skin.

Personnel should wear regularly laundered work clothes.

After contact with the product, all soiled parts of the body must be washed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	liquid in a gelatin capsule.
pH:	not applicable.
Boiling point/boiling range:	not specified.
Flash point :	87.00°C.
Vapour pressure (50°C):	not applicable.
Density:	not specified.
Water solubility:	soluble gelatin capsule (wet heat).
Viscosity:	$\nu < 7 \text{ mm}^2/\text{s}$ (40°C).
Melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/range:	not specified.

9.2. Other information

Not applicable

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes, nitrogen oxide.

10.4. Conditions to avoid

Avoid sources of heat. Protect from moisture.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin. May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. Splashes in the eyes may cause irritation and reversible damage.

May cause an allergic reaction by skin contact.

Sub-section	Comments	LD	species
Acute oral toxicity	(2E)-1-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (CAS: 23726-91-2)	LD50 = 2920 mg/kg body weight	
Acute oral toxicity	2,4-DIMETHYL-CYCLOHEXEN-1-CARBOXALDEHYDE (CAS : 68039-49-6)	LD50 = 2330 mg/kg body weight	
Acute oral toxicity	BENZALDEHYDE (CAS: 100-52-7)	LD50 = 1430 mg/kg body weight	Rat
Acute inhalation toxicity (Dust/mist)	BENZALDEHYDE (CAS: 100-52-7)	LC50 = 1.5 mg/L Duration of exposure: 4 h	
Acute oral toxicity	METHYL CINNAMATE (CAS: 103-26-4)	LD50 = 2610 mg/kg body weight	

Sub-section	Comments	LD	species
Acute oral toxicity	ALLYL HEPTANOATE (CAS: 142-19-8)	LD50 = 218 mg/kg body weight	
Acute dermal toxicity	ALLYL HEPTANOATE (CAS: 142-19-8)	LD50 = 810 mg/kg body weight	
Acute oral toxicity	PHENETHYL ALCOHOL (CAS: 60-12-8)	LD50 = 1610 mg/kg body weight	
Acute oral toxicity	2-tert-butylcyclohexyl acetate (CAS: 88-41-5)	LD50 = 4600 mg/kg body weight	
Acute oral toxicity	LINALOOL (CAS: 78-70-6)	LD50 = 2790 mg/kg body weight	

SECTION 12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Harmful to aquatic life with long-term effects.
The product must not be allowed to run into drains or waterways.
Mixtures: no aquatic toxicity data available for the mixture.

12.2. Persistence et degradability

Biodegradability: no data available.

12.3. Bioaccumulative potential

Bioaccumulation: no data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Proper waste management of the mixture and/or its container must be determined in accordance with directive 2008/98/EC.
Do not discharge into drains or waterways.

Waste :

Waste management is carried out without endangering human health and without harming the environment, and in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation in force, preferably by a certified collector or an approved company. Do not contaminate the ground or water with waste, do not eliminate it into the environment.

Soiled packaging:

Empty the container completely. Keep the label on the container.

Give to a certified disposal contractor.

SECTION 14. TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

N/A

14.2. UN proper shipping name

N/A

14.3. Transport hazard class(es)

N/A

14.4. Packing group

N/A

14.5. Environmental hazards

N/A

14.6. Special precautions for user

N/A

14.7. Transport in bulk according to Annex II of Marpol convention and the IBC Code

N/A

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No 1272/2008 amended by EU regulation No 2023/707.
- EU Regulation No 1272/2008 amended by EU Regulation No 2025/1222 (ATP 23).

Packaging information: no data available.

Special provisions: No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No 1907/2006 (REACH).

<https://echa.europa.eu/substances-restricted-under-reach>.

Authorisations agreed under Title VII of Regulation (EC) No 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XIV of Regulation (EC) No 1907/2006 (REACH).

<https://echa.europa.eu/authorisation-list>.

Ozone-depleting substances (Regulation (EC) No 2024/590)

The mixture does not contain any substance posing a risk to the ozone layer.

Persistent organic pollutants (POP) - Regulation (EU) 2019/1021:

The mixture does not contain a persistent organic pollutant.

PIC Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (Rotterdam convention):

The mixture is subject to the Prior Informed Consent (PIC) procedure.

The mixture contains a substance subject to the export notification procedure requirement: BENZENE (71-43-2).

Explosive precursors: The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosive precursors.

15.2. Chemical safety assessment

No data available.

SECTION 16. OTHER INFORMATION

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic by skin contact.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H361 Suspected of damaging fertility or the unborn child.

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.

Key or legend to abbreviations and acronyms used in the safety data sheet

ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;
 ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road;
 AICS – Australian Inventory of Chemical Substances;
 ASTM – American Society for the Testing of Materials;
 ATE – Acute Toxicity Estimate - BW – Body Weight;
 CLP – Classification Labelling Packaging Regulation;
 CMR – Carcinogen, Mutagen or Reproductive Toxicant;
 DIN – Standard of the German Institute for Standardisation;
 DNEL – Derived No Effect Level; DSL – Domestic Substances List (Canada);
 ECHA – European CHemicals Agency;
 EC Number – European Community Number;
 ECx – Concentration associated with x% response;
 ELx – Loading rate associated with x% response;
 EmS – Emergency Schedule;
 ENCS – Existing and New Chemical Substances (Japan);
 ErCx – Concentration associated with x% growth rate response;
 GHS – Globally Harmonized System;
 GLP – Good Laboratory Practice;
 IARC – International Agency for Research on Cancer;
 IATA – International Air Transport Association;
 IBC – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;
 IC50 – Half maximal Inhibitory Concentration;
 ICAO – International Civil Aviation Organization (« OACI » in French);
 IECSC – Inventory of Existing Chemical Substances in China;
 IMDG – International Maritime Dangerous Goods;
 IMO – International Maritime Organization;
 ISHL – Industrial Safety and Health Law (Japan);
 ISO – International Organisation for Standardization;
 KECI – Korea Existing Chemicals Inventory;
 LC50 – Lethal Concentration to 50% of a test population;
 LD50 – Lethal Dose to 50% of a test population (median lethal dose);
 MARPOL – International Convention for the Prevention of Pollution from Ships;
 n.o.s – Not Otherwise Specified;
 NO(A)EC – No Observed (Adverse) Effect Concentration;
 NO(A)EL – No Observed (Adverse) Effect Level;
 NOELR – No Observable Effect Loading Rate;
 NZIoC – New-Zealand Inventory of Chemicals;
 OECD – Organization for Economic Co-operation and Development;;
 OPPTS – Office of Chemical Safety and Pollution Prevention;
 PBT – Persistent, Bioaccumulative and Toxic substance;
 PIC – Prior Informed Consent
 PICCS – Philippines Inventory of Chemicals and Chemical Substances;
 PNEC – Predictive No Effect Concentration;
 POP – Persistent Organic Pollutant
 (Q)SAR – (Quantitative) Structure Activity Relationship;

REACH – Regulation (EC) N° 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;
RID – Regulation concerning the International Carriage of Dangerous Goods by Rail;
SADT – Self-Accelerating Decomposition Temperature;
SDS – Safety Data Sheet;
SVHC – Substance of Very High Concern;
STEL – Short Term Exposure Limit;
TCSI – Taiwan Chemical Substance Inventory;
TMP – Table of Professional Diseases (« Tableau des Maladies Professionnelles » in French) ;
TRGS – Technical Rule for Hazardous Substances;
TSCA – Toxic Substances Control Act (USA);
TWA – Time Weighted Averages;
UFI – Unique Formula Identifier;
VLE – Exposure Limit Value (ELV) (« Valeur Limite d'Exposition » in French);
VME – Exposure Average Value (« Valeur Moyenne d'Exposition » in French);
vPvB – Very Persistent and Very Bioaccumulative;
WGK – Water Hazard Class (« Wassergefährdungsklasse » in German).

The information contained in this Safety Data Sheet is based on our current knowledge at the time of publication and is provided in good faith. It does not constitute any guarantee of specific product properties nor establish any contractual relationship. The user remains solely responsible for safe and compliant use of the product in accordance with current regulations.