



## Safety Data Sheet

acc. to OSHA HCS


Printing date 10/28/2025

Reviewed on 08/23/2021

### 1 Identification

- **Product identifier**
- **Trade name:** Hydroperoxides of Linalool 0.5% in petrolatum
- **Article number:** H-031B
- **Application of the substance / the mixture** Diagnosis of contact allergy
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Chemotechnique MB Diagnostics AB  
Modemgatan 9  
235 39 VELLINGE  
SWEDEN
- **Information department:** Product safety department.
- **Emergency telephone number:**  
8.00 to 16.00 (CET): +46 (0)40 466 077  
Local emergency services during non-office hours

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Sensitization - Skin 1 H317 May cause an allergic skin reaction.
- 
- **Label elements**
  - **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms**  
  
GHS07
  - **Signal word** Warning
  - **Hazard-determining components of labeling:**  
Hydroperoxides of Linalool
  - **Hazard statements**  
May cause an allergic skin reaction.
  - **Precautionary statements**  
Avoid breathing dust/fume/gas/mist/vapors/spray

(Contd. on page 2)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 1)

Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves.  
If on skin: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
Wash contaminated clothing before reuse.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 1  
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



HEALTH 0 Health = 0  
FIRE 1 Fire = 1  
REACTIVITY 0 Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

Hydroperoxides of Linalool Consisting of: 78-70-6 Linalool (85%)	3.5%
---	------

· **Non-hazardous ingredients**

8009-03-8 Petrolatum	96.5%
----------------------	-------

US

(Contd. on page 3)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 2)

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:** No special measures required.

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

(Contd. on page 4)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 3)

### · Protective Action Criteria for Chemicals

#### · PAC-1:

None of the ingredients is listed.

#### · PAC-2:

None of the ingredients is listed.

#### · PAC-3:

None of the ingredients is listed.

## 7 Handling and storage

### · Handling:

#### · Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
FOR EXTERNAL/TOPICAL USE ONLY.

· **Information about protection against explosions and fires:** No special measures required.

#### · Conditions for safe storage, including any incompatibilities

##### · Storage:

#### · Requirements to be met by storerooms and receptacles:

Store at temperatures between 2 °C and 8 °C

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Protect from sunlight.

· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see section 7.

### · Control parameters

#### · Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the creation were used as basis.

(Contd. on page 5)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

Trade name: Hydroperoxides of Linalool 0.5% in petrolatum

(Contd. of page 4)

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

· <b>Form:</b>	Solidified mass
· <b>Color:</b>	Whitish
· <b>Odor:</b>	Characteristic

(Contd. on page 6)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 5)

· <b>Odor threshold:</b>	Not determined.
· <b>pH-value:</b>	Not applicable.
· <b>Change in condition</b> <b>Melting point/Melting range:</b>	51.6–57.2 °C (124.9–135 °F)
<b>Boiling point/Boiling range:</b>	359–732 °C (678.2–1,349.6 °F)
· <b>Flash point:</b>	259–277 °C (498.2–530.6 °F)
· <b>Flammability:</b>	Not determined.
· <b>Auto igniting:</b>	>290 °C (>554 °F)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b> <b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapor pressure at 20 °C (68 °F):</b>	<0.013 hPa (<0 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	0.87 g/cm <sup>3</sup> (7.26015 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b> <b>Water:</b>	Insoluble.
· <b>Partition coefficient (n-octanol/water):</b>	0.77815
· <b>Viscosity:</b> <b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
· <b>Solvent content:</b> <b>VOC content:</b>	0.00 %
<b>Solids content:</b>	96.5 %

(Contd. on page 7)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

Trade name: Hydroperoxides of Linalool 0.5% in petrolatum

(Contd. of page 6)

- **Other information** No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

#### Hydroperoxides of Linalool

Oral	LD50	2,790 mg/kg (rat)
Dermal	LD50	5,610 mg/kg (rab)

- **Primary irritant effect:**
  - **on the skin:** No irritant effect.
  - **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

(Contd. on page 8)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 7)

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

US

(Contd. on page 9)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

Trade name: Hydroperoxides of Linalool 0.5% in petrolatum

(Contd. of page 8)

### 14 Transport information

· UN-Number	
· DOT, IMDG, IATA	not regulated
· UN proper shipping name	
· DOT, IMDG, IATA	not regulated
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	not regulated
· Packing group	
· DOT, IMDG, IATA	not regulated
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	not regulated

### 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture	No further relevant information available.
· Sara	
· Section 355 (extremely hazardous substances):	None of the ingredients is listed.
· Section 313 (Specific toxic chemical listings):	None of the ingredients is listed.
· TSCA (Toxic Substances Control Act):	None of the ingredients is listed.
· Hazardous Air Pollutants	None of the ingredients is listed.

(Contd. on page 10)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 9)

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

Hydroperoxides of Linalool

· **Hazard statements**

May cause an allergic skin reaction.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves.

If on skin: Wash with plenty of water.

(Contd. on page 11)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/28/2025

Reviewed on 08/23/2021

**Trade name: Hydroperoxides of Linalool 0.5% in petrolatum**

(Contd. of page 10)

If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
Wash contaminated clothing before reuse.  
Dispose of contents/container in accordance with local/regional/national/international regulations.  
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Product safety department.

· **Contact:** -

· **Date of preparation / last revision** 08/23/2021 / 2.0

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Sensitization - Skin 1: Skin sensitisation – Category 1