



## Precautionary Statements

P261 Avoid breathing vapour/spray.  
P264 Wash contaminated 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/protective clothing/eye protection/face protection.  
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.  
P310 Immediately call a POISON CENTER/doctor.  
P321 Specific treatment (see medical advice on this label).  
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.  
P501 Dispose of contents/container in accordance with national regulations.

## Supplementary Precautionary Statements

None.

## 2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

**> 50% Phenyl Ethyl Alcohol** CAS-No.: 60-12-8, EC No 200-456-2

Classification (EC 1272/2008) : Acute Tox. 4 - H302, Eye Irrit. 2 - H319

**5 - 10% Citronellol** CAS-No.: 106-22-9, EC No.: 203-375-0

Classification (EC 1272/2008) : Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317

**5 - 10% Geraniol** CAS-No.: 106-24-1, EC No.: 203-377-1

Classification (EC 1272/2008) : Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1 - H317

**1 - 5% Benzyl Alcohol** CAS-No.: 100-51-6, EC No.: 202-859-9

Classification (EC 1272/2008) : Acute Tox. 4 - H302, Acute Tox. 4 - H332

**1 - 5% Nerol** CAS-No.: 106-25-2, EC No.: 203-378-7

Classification (EC 1272/2008) : Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317

**1 - 5% Eugenol Methyl Ether** CAS-No.: 93-15-2, EC No 202-223-0

Classification (EC 1272/2008) : Acute Tox. 4 - H302, Muta. 2 - H341, Carc. 2 - H351,

**1 - 5% Eugenol** CAS-No.: 97-53-0, EC No.: 202-589-1

Classification (EC 1272/2008) : Eye Irrit. 2 - H319, Skin Sens. 1 - H317

**1 - 5% 7-methyl-3-methylenoocta-1,6-diene** CAS-No.: 123-35-3, EC No.: 204-622-5

Classification (EC 1272/2008) : Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Asp. Tox. 1 - H304

**<1% Linalool** CAS-No.: 78-70-6, EC No 201-134-4

Classification (EC 1272/2008) : Acute Tox. 5 - H303, Skin Irrit. 2 - H315, Aquatic Acute 3 - H402

**<1% (R)-p-mentha-1,8-diene** CAS-No.: 5989-27-5, EC No 227-813-5

M factor (Acute) = 1, M factor (Chronic) = 1

Classification (EC 1272/2008) : Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**<1% Citral** CAS-No.: 5392-40-5, EC No.: 226-394-6

Classification (EC 1272/2008) : Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317

## 04. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin Contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
Eye Contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

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

Skin contact: This product is corrosive. Causes skin irritation.  
Eye contact: Causes serious eye damage.

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

Notes for the doctor: Treat symptomatically.

## 05. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Powder. Water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2 Special hazards arising from the product

No additional data available.

### 5.3 Advice for firefighters

Special Fire Fighting Procedures - In case of fire: Cool containers exposed to flames with water until well after the fire is out.

Protective equipment for fire-fighters - Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 06. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. For personal protection, see Section 8.ear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.

## 6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

## 6.3 Methods and material for containment and cleaning up.

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or courses of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

## 6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

## 07. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Read label before use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Eliminate all sources of ignition. Do not eat, drink or smoke when using this product.

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

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food and drink.

### 7.3 Specific end use(s)

No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No additional data available.

### 8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	No specific requirements are anticipated under normal conditions of use.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Dark red to orange.
Odour	Characteristic
Relative Density	0.950 - 1.100 @ 20°C
Flash Point (°C)	87
Refractive Index	1.495 - 1.520 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.

### 9.2 Other information

No additional data available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

There are no known reactivity hazards associated with this product.

### 10.2 Chemical stability

Stable under the recommended handling and storage conditions.

### 10.3 Possible hazardous reactions

None known.

### 10.4 Conditions to Avoid

Avoid heat, sparks, flames and other sources of ignition.

### 10.5 Incompatible materials

Avoid strong acids and strong oxidising agents.

### 10.6 Hazardous Decomposition Products

None known.

## 11. TOXOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute Toxicity	ATE inhalation (vapours mg/l) 550.0
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.


## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>
The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
<b>12.2 Persistence &amp; degradability</b>
No additional data available.
<b>12.3 Bioaccumulation Potential</b>
No additional data available.
<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available.
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways. Water hazard classification WGK 2

### 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Dispose of in compliance with all local and national regulations. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.
<b>14.2 UN proper shipping name</b>	
Not bound by transport regulations.	
<b>14.3 Transport hazard class(es)</b>	
Not bound by transport regulations.	
<b>14.4 Packing group</b>	
Not bound by transport regulations.	
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous Substance/Marine Pollutant	
	
Water hazard classification WGK 2	
<b>14.6 Special precautions for user</b>	
No additional data available.	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
No additional data available.	

### 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
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### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## 15.2 Chemical safety assessment

No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	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. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Other Information	None.
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