

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

### 1 Identification

- **Product identifier**
- **Trade name:** **DERMULSENE® RE 1513**
- **Article number:** 937996
- **Application of the substance / the mixture** Adhesives
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
LES DERIVES RESINIQUES ET TERPENIQUES (DRT)  
30 rue Gambetta  
BP 90206  
F-40105 DAX CEDEX  
FRANCE  
Tel : 33-(0)5 58 56 62 00  
Email : fds@drt.fr
- **Emergency telephone number:**  
NCEC (24/24 – 7/7):  
United States : +1 866 928 0789 (Toll free)  
United States : +1 215 207 0061 (involves operator intervention to identify language)  
Others countries : See section 16

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



Sensitization - Skin 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **US label elements** The product is classified and labeled according to the US system.
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard statements**  
May cause an allergic skin reaction.
- **Precautionary statements**  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

(Contd. on page 2)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 1)

P234	Keep only in original container.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P284	[In case of inadequate ventilation] wear respiratory protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P302+P352	If on skin: Wash with plenty of water.
P304+P312	IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
P304+P341	If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing.
P402+P404	Store in a dry place. Store in a closed container.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0-4)**



· **HMIS ratings (scale 0-4)**



· **Other hazards**

Prolonged or repeated exposure to vapours/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing or breathing difficulty.

· **Results of PBT and vPvB assessment**

· **PBT:** Not determined.

· **vPvB:** Not determined.

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 2)

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Waterborne dispersion of a blend of rosin ester and stabilized rosin.

· **Dangerous components:**

Surfactant	⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319	1-10%
------------	--	-------

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First-aid measures

- **After inhalation:**  
Supply fresh air. If symptoms are experienced, get medical attention.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Immediately rinse with plenty of water.  
Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.  
Get medical attention if irritation occurs.
- **After eye contact:**  
Immediately rinse with plenty of water. Remove contact lenses, if present and easy to do. Hold eyelids apart and flush eyes with plenty of cool low-pressure water for 10-15 minutes. If irritation occurs, consult an ophtalmologist.
- **After swallowing:**  
If the person is conscious, immediately rinse out mouth with water.  
Do not induce vomiting.  
In case of lasting symptoms, consult a doctor.
- **Most important symptoms and effects, both acute and delayed** No data available.
- **Indication of any immediate medical attention and special treatment needed** No specific indications.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Carbon dioxyde (CO<sub>2</sub>), foam, fire-extinguishing powder, water spray.  
Fight large fires with water spray or foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**  
Firefighters should wear appropriate protective equipment and self-contained breathing apparatus.
- **Additional information:** Cool endangered receptacles with water spray.

US  
(Contd. on page 4)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 3)

### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.  
Provide adequate ventilation

· **Environmental precautions:**

Do not allow product to reach soil, waterways, drains and sewers.  
Inform the relevant authorities if the product has caused environmental pollution (soil, waterways, drains or sewers).

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

Small spills:

Absorb spilled liquid with inert absorbent. Collect in an appropriate container properly labelled. Close it for disposal.

Large spills:

Stop spill if it can be done without danger. Dike. Pump as much liquid as possible with an explosion-proof pump or a hand pump. Absorb the remaining liquid with inert absorbent. Collect in an appropriate container properly labelled. Close it for disposal.

· **Reference to other sections**

See section 8 for information on personal protection equipment.  
See section 13 for disposal information.

· **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

· **Precautions for safe handling**

Wear appropriate personal protective equipment. Provide adequate ventilation in the workplace.

· **Information about protection against explosions and fires**

Protect from heat.

Keep ignition sources away.

· **Conditions for safe storage**

Store only in the original receptacle.

Store if possible under cover in a cool well-ventilated location.

Keep container tightly sealed.

Keep away from sources of ignition.

Protect from heat and direct sunlight.

Protect from frost.

(Contd. on page 5)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 4)

- **Further information about storage conditions**
- **Recommended storage temperature:**  
Store at a temperature between 5 and 35 °C.  
This product can be spoiled irreversibly if subjected to freezing temperatures or to prolonged heat.

### 8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** None
- **Additional information:** This sheet is based on the current valid lists.
- **Exposure controls**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.  
Immediately remove all soiled and contaminated clothing.  
Avoid contact with eyes and skin.
- **Protection of hands:**  
Protective, impervious gloves resistant to chemicals (standard EN 374-1). They should be replaced regularly and if there is any indication of degradation or chemical breakthrough.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

### 9 Physical and chemical properties

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

· <b>Form:</b>	Liquid
· <b>Color:</b>	White
· <b>Odor:</b>	Odorless
· <b>Odor threshold:</b>	Not applicable
- **pH-value at 20 °C (68 °F):** 8.2 - 9.3
- **Change in condition**

· <b>Melting point/Melting range:</b>	Not determined
· <b>Boiling point/Boiling range:</b>	100 °C (212 °F)
- **Flash point:** > 200 °C (> 392 °F)
- **Auto-ignition temperature:** Not determined

(Contd. on page 6)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 5)

· <b>Decomposition temperature:</b>	Not determined
· <b>Danger of explosion:</b>	The components of the mixture do not contain any chemical groups associated with explosive properties.
· <b>Oxidizing properties</b>	The components of the mixture do not contain any chemical groups associated with oxidizing properties.
· <b>Vapor pressure:</b>	Not determined.
· <b>Specific gravity:</b> Relative density at 20 °C (68 °F)	1.02
· <b>Solubility in / Miscibility with Water:</b>	This product is a waterborne dispersion.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined
· <b>Viscosity:</b> Dynamic at 20 °C (68 °F):	50 - 600 mPa.s
· <b>Additional information</b>	No other data

### 10 Stability and reactivity

- **Reactivity** No data from specific reactivity tests are available for this product or this class of product.
- **Chemical stability** Product stable under storage and handling conditions according to specifications (see section 7).
- **Possibility of hazardous reactions**  
No hazardous reactions known except those with incompatible products listed in point 10.5.
- **Conditions to avoid** This product can be damaged irreparably if frozen or subjected to prolonged heat.
- **Incompatible materials:** Acids and cationic chemicals
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD<sub>50</sub>/LC<sub>50</sub> values that are relevant for classification:**  
LD<sub>50</sub> for the components of the mixture are > 2000 mg/kg (oral, rat).
- **Primary irritant effect:**  
May cause irritation by prolonged skin contact. However, based on available data, the classification criteria are not met.
- **on the eye:** May be irritating to the eyes. However, based on available data, the classification criteria are not met.

(Contd. on page 7)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 6)

- **Sensitization:**  
EUH 208 – contains CIT/MIT 3:1 (reaction mass : of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) – CAS RN 55965-84-9). May produce an allergic reaction.  
EUH208 - Contains MIT (2-methyl-2H -isothiazol-3-one [EC no. 220-239-6]) and BIT (1,2-benzisothiazol-3(2H) -one – [EC no. 220-120-9]). May produce an allergic reaction
- **Mutagenicity/genotoxicity:** No data available.
- **Carcinogenicity:** No data available.
- **Reproductive toxicity:** No data available.
- **Specific target organ toxicity - single exposure:** No data available.
- **Specific target organ toxicity - repeated exposure:** No data available.
- **Aspiration hazard:** After swallowing, no entry into the respiratory tract is expected.

- **Additional toxicological information:**
- **Carcinogenic categories**

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

No components listed.

· **NTP (National Toxicology Program)**

No components listed.

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

None of the ingredients is listed.

### 12 Ecological information

- **Aquatic toxicity:** No data available.
- **Persistence and degradability** No data available.
- **Bioaccumulative potential** No data available.
- **Mobility in soil** No data available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not determined.
- **vPvB:** Not determined.
- **Other adverse effects** No data available.

### 13 Disposal considerations

- **Waste treatment methods** National and regional regulations have to be adhered to.
- **Recommendation:** The product has to be disposed of in an authorised incinerator, according to regulation.

(Contd. on page 8)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 7)

- **Uncleaned packagings:**
- **Recommendation:** Packaging has to be sent to an authorised waste treatment facility, for recycling or disposal.

### 14 Transport information

- |  |  |
|--|--|
| · <b>UN-Number</b>   | Not classified as a dangerous good under transport regulation. |
| · <b>UN proper shipping name</b>   | Not classified as a dangerous good under transport regulation. |
| · <b>Transport hazard class(es)</b>  |  |
| · <b>ADR, IMDG, IATA</b>   |  |
| · <b>Class</b>   | Not classified as a dangerous good under transport regulation. |
| · <b>Packing group</b>   | Not applicable.  |
| · <b>Environmental hazards:</b>  | Not classified as a dangerous good under transport regulation. |
| · <b>Special precautions for user</b>  | Not applicable.  |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.  |
| · <b>UN "Model Regulation":</b>  | Void   |

### 15 Regulatory information

- |   |   |
|---|---|
| · <b>SARA Section 355 (extremely hazardous substances)</b>                  | No components listed.   |
| · <b>SARA Section 313 (specific toxic chemical listings)</b>                | No components listed.   |
| · <b>TSCA (Toxic Substances Control Act)</b>                                | All components are listed   |
| · <b>Prop 65 - Chemicals known to cause cancer or reproductive toxicity</b> | No components listed.   |
| · <b>Carcinogenicity categories</b>   |   |
| · <b>EPA (Environmental Protection Agency) - 12th Report on Carcinogens</b> | No components listed.   |
| · <b>TLV (Threshold Limit Value)</b>  | None of the ingredients is listed.                                |
| · <b>US label elements</b>  | The product is classified and labeled according to the US system. |

(Contd. on page 9)



## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 8)

· **Hazard pictograms**



GHS07

· **Signal word** Warning

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

2-methyl-2H-isothiazol-3-one

· **Hazard statements**

May cause an allergic skin reaction.

· **Precautionary statements**

- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P234 Keep only in original container.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P262 Do not get in eyes, on skin, or on clothing.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves.
- P284 [In case of inadequate ventilation] wear respiratory protection.
- P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P302+P352 If on skin: Wash with plenty of water.
- P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
- P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P314 Get medical advice/attention if you feel unwell.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362 Take off contaminated clothing.
- P402+P404 Store in a dry place. Store in a closed container.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:**

The substances of this mixture either:

- do not meet the criteria for classification as dangerous (or their concentrations are below the declarative threshold), or
- are not considered to be a PBT or vPvB, or
- are exempted from registration

Therefore exposure assessment and risk characterisation were not required and thus there is no annex to this safety data sheet.

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 9)

### 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.

· **Version 1.0**

· **Contact:**

· **Date of preparation / last revision 06/04/2024 / -**

· **Abbreviations and acronyms:**

CLP: Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging

H4R : Hydrocarbon Resins & Rosin Resins REACH Consortium - <https://h4rconsortium.com>

ECHA: European CHemicals Agency

EC: European Commission

ISO : International Organization for Standardization

Directive 2012/18/EU: Directive of the European Parliament and of the Council of 4 July, on the control of major-accident hazards involving dangerous substances

IFRA : International Fragrance Association

OECD: Organisation for Economic Co-operation and Development

ECVAM : European Centre for the Validation of Alternative Methods

QSAR: Quantitative Structure Activity Relationship

DNA: DeoxyriboNucleic Acid

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: very Persistent and very Bioaccumulative substance.

UVCB: Substances of unknown or variable composition, complex reaction products or biological materials

SVHC: Substances of Very High Concern

BCF: Bioconcentration Factor

CMR: Substance classified as Carcinogenic, Mutagenic or Toxic for Reproduction

Koc: Organic carbon/water partition coefficient. It represents the potential of retention of the substance on soil organic matter

NOEL: No Observed Effect Level

NOELr: Initial loading rate of the substance without observed effect

NOAEL: No Observed Adverse Effect Level

NOEC: No Observed Effect Concentration

NOAEC: No Observed Adverse Effect Concentration

LOEC: Lowest Observed Effect Concentration

LOAEC: Lowest Observed Adverse Effect Concentration

LOAEL: Lowest Observed Adverse Effect Level

EC<sub>10</sub>: Concentration which leads to a 10% reduction in treated organism responses compared to untreated organism responses (algae) or concentration which causes effects to 10 % of the tested organisms (daphnids)

EC<sub>50</sub>: Concentration which leads to a 50% reduction in treated organism responses compared to untreated organism responses (algae) or concentration which causes effects to 50 % of the tested organisms (daphnids)

EL<sub>50</sub>: Loading rate which leads to a 50 % reduction in treated organisms responses compared to untreated organism responses (algae) or loading rate which causes effects to 50 % of the tested organisms (daphnids)

LC<sub>50</sub>: Lethal concentration for 50% of exposed animals

LD<sub>50</sub>: Lethal dose for 50% of animals exposed by oral or dermal route

LL<sub>50</sub>: Median lethal loading rate (lethal level for 50 % of fish exposed)

LC100 : Lethal concentration for 100% of exposed animals

GPMT: Guinea Maximisation Test - Magnusson and Kligman test

LLNA: Local Lymph Node Assay

CO<sub>2</sub>: Carbon dioxide

NLP: No Longer Polymer

bw: body weight

dw: dry weight

(Contd. on page 11)

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

Printing date 06/04/2024

Reviewed on 06/04/2024

**Trade name: DERMULSENE® RE 1513**

(Contd. of page 10)

ww : wet weight  
ppm : parts per million  
Skin Irritation 2: Skin corrosion/irritation, Category 2  
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A  
Sensitization - Skin 1: Skin sensitisation, Category 1

- **Sources** Literature and company data
  - **Data compared to the previous version:** Not applicable - first version
- no