



# SAFETY DATA SHEET

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Revised edition no : 3

Date : 1 / 7 / 2015

Supersedes : 11 / 2 / 2015

## RENO'MAT'

### 0514 - 0518

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : RENO'MAT'  
Product code : 0514 - 0518

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

Use : Shoe and leather care product.

### 1.3. Details of the supplier of the safety data sheet

Company identification : AVEL  
Lombre  
MAGNAC LAVALETTE  
16320 FRANCE  
Tel. +33 5 45 64 74 74 - Fax. +33 5 45 64 77 36  
avel@avel.com

### 1.4. Emergency telephone number

Phone nr : +33 5 45 64 74 74 ( Office hours: Monday-Friday 8AM-3PM GMT+1 )

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification EC 67/548 or EC 1999/45

Classification : F; R11  
Repr. Cat. 3; R62  
Xn; R20-R65-48/20  
Xi; R38  
N; R51-53

#### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

**Health hazards** : Skin irritation - Category 2 - Warning (Skin Irrit. 2) H315  
Reproductive toxicity - Fertility - Category 2 - Warning (Repr. 2) H361  
Specific Target Organ Toxicity - Repeated exposure - Category 2 - Warning (STOT RE 2) H373  
Aspiration hazard - Category 1 - Danger (Asp. Tox. 1) H304

**Physical hazards** : Flammable liquids - Category 2 - Danger (Flam. Liq. 2) H225

**Environmental hazards** : Hazardous to the aquatic environment - Chronic hazard - Category 2 (Aquatic Chronic 2) H411

### 2.2. Label elements

#### Labelling Regulation EC 1272/2008 (CLP)



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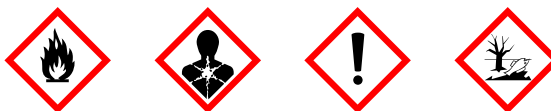
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## 2. Hazards identification (continued)

### Hazard pictograms

**Signal words** : Danger**Hazard statements** : H225 : Highly flammable liquid and vapour.  
H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H361f : Suspected of damaging fertility.  
H373 : May cause damage to organs through prolonged or repeated exposure.  
H411 : Toxic to aquatic life with long lasting effects.**Precautionary statements** :

- **General** : P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.
  - **Prevention** : P210: Keep away from heat, sparks, open flames or hot surfaces. – No smoking.  
P260: Do not breathe dust, fume, gas, mist, vapours, spray.  
P273: Avoid release to the environment.  
P280: Wear protective gloves, protective clothing, eye protection, face protection.
  - **Response** : P301+P310: IF SWALLOWED : Immediately call a POISON CENTER or doctor.  
P302+P352: IF ON SKIN : Wash with plenty of soap and water.  
P332+P313: If skin irritation occurs : Get medical advice.
  - **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- Contains**
- : Chlorobenzene - HYDROCARBONS, C6, N-ALKANES, ISOALKANES, CYCLICS, N-HEXANE

### 2.3. Other hazards

**Other hazards** : Not established.

## 3. Composition/information on ingredients

**Substance / Preparation** : Preparation.**Hazardous component(s)** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
n-Butyl acetate	> 1 < 5 %	123-86-4	204-658-1	607-025-00-1	----	R10 R66 R67 ----- Flam. Liq. 3 _ H226 STOT SE 3 _ H336 STOT RE _ EUH066
Sodium lauryl ether sulfate	> 5 < 10 %	68585-34-2	500-223-8	-----	----	Xi; R36/38 ----- Eye irrit 2 _ H319 Skin Irrit. 2 _ H315
Chlorobenzene	> 20 < 30 %	108-90-7	203-628-5	602-033-00-1	01-2119432722-45-0000	R10 Xn; R20 N; R51-53 ----- Flam. Liq. 3 _ H226 Acute Tox. 4 (inhal) _ H332 Aquatic Chronic 2 _ H411
HYDROCARBONS, C6, N-ALKANES, ISOALKANES, CYCLICS, N-HEXANE	> 10 < 20 %	-----	925-292-5	-----	01-2119473851-33	F; R11 Repr. Cat. 3; R62 Xn; R65-48/20 R67 Xi; R38 N; R51-53 ----- Flam. Liq. 2 _ H225 Asp. Tox 1 _ H304 Repr. 2 _ H361f Skin Irrit. 2 _ H315

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### 3. Composition/information on ingredients (continued)

STOT RE 2 \_ H373  
STOT SE 3 \_ H336  
Aquatic Chronic 2 \_ H411

### 4. First aid measures

#### 4.1. Description of first aid measures

- Inhalation** : Assure fresh air breathing. Allow the victim to rest.
- Skin contact** : Get medical advice. Specific treatment (see on this label). If skin irritation occurs : Wash with plenty of soap and water. Wash contaminated clothing before reuse. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
- Eye contact** : Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
- Ingestion** : Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Rinse mouth.

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

- Symptoms relating to use** : Causes serious eye damage.  
May be fatal if swallowed and enters airways.  
Suspected of damaging fertility.  
Causes skin irritation.  
Causes damage to organ.

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

- General information** : If exposed or concerned : get medical advice. Never give anything by mouth to an unconscious person.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

#### 5.2. Special hazards arising from the substance or mixture

- Flammable class** : Highly flammable liquid and vapour.
- Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.
- Specific hazards** : May form flammable/explosive vapour-air mixture.

#### 5.3. Advice for fire-fighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

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### 6. Accidental release measures

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

- For emergency responders** : Equip cleanup crew with proper protection. Ventilate area.
- Technical measures** : Use special care to avoid static electric charges.
- Special precautions** : Remove ignition sources. No naked lights. No smoking.
- For non-emergency personnel** : Evacuate unnecessary personnel.

#### 6.2. Environmental precautions

- Environmental precautions** : Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

- Clean up methods** : Collect spillage. Store away from other materials. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

#### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection

### 7. Handling and storage

#### 7.1. Precautions for safe handling

- Handling** : Wash thoroughly after handling. Obtain special instructions before use. Wash thoroughly after handling. Wash thoroughly after handling. Handle empty containers with care because residual vapours are flammable.
- Technical protective measures** : Use explosion-proof electrical, ventilating, lighting, ..., equipment. Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed.
- Special precautions** : Avoid breathing dust, fume, gas, mist, vapours, spray. No naked lights. No smoking.

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

- Storage** : Ground/bond container and receiving equipment. Keep container tightly closed. Keep only in the original container in a cool, well ventilated place. Keep in fireproof place.
- Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight. Heat sources.

#### 7.3. Specific end use(s)

- Specific end use(s)** : See section 1.

### 8. Exposure controls/personal protection

#### 8.1. Exposure controls



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## 8. Exposure controls/personal protection (continued)

### Personal protection



### Personal protection

- **Respiratory protection** : Avoid all unnecessary exposure.
- **Hand protection** : Wear respiratory protection.
- **Skin protection** : Wear protective gloves.
- **Eye protection** : Wear suitable protective clothing.
- **Others** : Chemical goggles or safety glasses.
- **Others** : When using, do not eat, drink or smoke.

### 8.2. Control parameters

Occupational Exposure Limits : No data available.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state at 20 °C	: Liquid.
Colour	: Color.
Odour	: Characteristic.
Odour threshold	: No data available.
pH value	: No data available.
Melting point [°C]	: No data available.
Decomposition point [°C]	: No data available.
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Highly flammable liquid and vapour.
Flash point [°C]	: No data available.
Initial boiling point [°C]	: Not applicable.
Final boiling point [°C]	: Not applicable.
Evaporation rate	: No data available.
Vapour pressure [20°C]	: No data available.
Vapour density	: No data available.
Density [g/cm <sup>3</sup> ]	: 0.95 - 0.97
Relative density, liquid (water=1)	: No data available.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Viscosity at 40°C [mm <sup>2</sup> /s]	: No data available.

### 9.2. Other information

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## 9. Physical and chemical properties (continued)

<b>Explosive properties</b>	: No data available.
<b>Explosion limits - upper [%]</b>	: No data available.
<b>Explosion limits - lower [%]</b>	: No data available.
<b>Oxidising properties</b>	: No data available.

## 10. Stability and reactivity

### 10.1. Reactivity

**Reactivity** : Not established.

### 10.2. Chemical stability

**Chemical stability** : Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions** : Not established.

### 10.4. Conditions to avoid

**Conditions to avoid** : Direct sunlight. Extremely high or low temperatures. Open flame.

### 10.5. Incompatible materials

**Materials to avoid** : Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** : Fumes. Carbon monoxide. Carbon dioxide.  
May release flammable gases.

## 11. Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicity information</b>	: The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.
<b>Acute toxicity</b>	
• <b>Inhalation</b>	: Based on available data, the classification criteria are not met.
• <b>Dermal</b>	: Based on available data, the classification criteria are not met.
• <b>Ingestion</b>	: Based on available data, the classification criteria are not met.
<b>Corrosion</b>	: Causes serious eye damage.
<b>Irritation</b>	: Causes skin irritation.
<b>Sensitization</b>	: Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	: Based on available data, the classification criteria are not met.
<b>Toxic for reproduction</b>	: Suspected of damaging fertility.
<b>STOT-single exposure</b>	: Based on available data, the classification criteria are not met.

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## 11. Toxicological information (continued)

- STOT-repeated exposure** : May cause damage to organs through prolonged or repeated exposure.  
**Aspiration hazard** : May be fatal if swallowed and enters airways.

## 12. Ecological information

### 12.1. Toxicity

- Toxicity information** : Toxic to aquatic life with long lasting effects.

### 12.2. Persistence - degradability

- Persistence - degradability** : May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

- Bioaccumulative potential** : Not established.

### 12.4. Mobility in soil

- Mobility in soil** : Not established.

### 12.5. Results of PBT and vPvB assessment

- Results of PBT and vPvB assessment** : The substance/mixture does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### 12.6. Other adverse effects

- Environmental precautions** : Avoid release to the environment.

## 13. Disposal considerations

### 13.1. Waste treatment methods

- General** : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
- Special precautions** : Handle empty containers with care because residual vapours are flammable. Hazardous waste due to toxicity.

## 14. Transport information

### 14.1. Land transport (ADR-RID)

- Proper shipping name** : FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (boiling point not more than 35 °C) (Chlorobenzene, HYDROCARBONS, C6, N-ALKANES, ISOALKANES, CYCLICS, N-HEXANE)
- UN N°** : 1993

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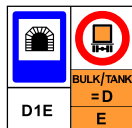
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## 14. Transport information (continued)

H.I. nr : 33  
ADR - Class : 3  
ADR - Labelling : 3 9E



ADR - Classification code : F1  
ADR - Group : III  
ADR - Packing instructions : P001 R001 LP001 LP001  
ADR - Limited Quantity : 5 L  
ADR - Tunnel code



: D/E

### 14.2. Sea transport (IMDG) [English only]

Proper shipping name : FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (boiling point not more than 35 °C) (Chlorobenzene, HYDROCARBONS, C6, N-ALKANES, ISOALKANES, CYCLICS, N-HEXANE)

UN N° : 1993  
IMO-IMDG - Class or division : 3 ( 9E )  
IMO-IMDG - Packing group : III  
IMO-IMDG - Packing instructions : P001 LP01  
IMO-IMDG - Limited quantities : 5 L  
IMO-IMDG - Marine pollution : Yes  
EMS-Nr : F-E S-E

### 14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name : FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (boiling point not more than 35 °C) (Chlorobenzene, HYDROCARBONS, C6, N-ALKANES, ISOALKANES, CYCLICS, N-HEXANE)

UN N° : 1993  
IATA - Class or division : 3 ( 9E )  
IATA - Packing group : III  
IATA - Passenger and Cargo Aircraft : ALLOWED  
- Passenger and Cargo - Packing instruction : 355  
- Passenger and Cargo - Maximum Quantity/Packing : 60 L  
IATA - Cargo only : ALLOWED  
- Cargo only - Packing instruction : 366  
- Cargo only - Maximum Quantity/ Packing : 220 L

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## 14. Transport information (continued)

IATA - Limited Quantities : 10 L

ERG-Nr : 3L

## 15. Regulatory information

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

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

### 15.2. Chemical Safety Assessment

**Chemical Safety Assessment** : It has not been carried out.

## 16. Other information

**Revision** : Revision - See : \*

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.  
vPvB: very persistent and very bioaccumulative

**List of relevant R phrases (heading 3)** : R10 : Flammable.  
R11 : Highly flammable.  
R20 : Harmful by inhalation.  
R36/38 : Irritating to eyes and skin.  
R38 : Irritating to skin.  
R48/20 : Harmful : danger of serious damage to health by prolonged exposure through inhalation.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62 : Possible risk of impaired fertility.  
R65 : Harmful : may cause lung damage if swallowed.  
R66 : Repeated exposure may cause skin dryness or cracking.  
R67 : Vapours may cause drowsiness and dizziness.

**List of full text of H-statements in section 3** : H225 : Highly flammable liquid and vapour.  
H226 : Flammable liquid and vapour.  
H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H336 : May cause drowsiness or dizziness.  
H361f : Suspected of damaging fertility.  
H373 : May cause damage to organs through prolonged or repeated exposure.  
H411 : Toxic to aquatic life with long lasting effects.  
EUH066: Repeated exposure may cause skin dryness or cracking.

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Labelling EC 67/548 or EC 1999/45**



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## 16. Other information (continued)

**• Symbol(s)****• Symbol(s)**

: Xn : Harmful  
F : Highly flammable  
N : Dangerous for the environment

**• R Phrase(s)**

: R11 : Highly flammable.  
R20 : Harmful by inhalation.  
R38 : Irritating to skin.  
R48/20 : Harmful : danger of serious damage to health by prolonged exposure through inhalation.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62 : Possible risk of impaired fertility.  
R65 : Harmful : may cause lung damage if swallowed.

**• S Phrase(s)**

: S2 : Keep out of the reach of children.  
S13 : Keep away from food, drink and animal feedingstuffs.  
S16 : Keep away from sources of ignition - No smoking.  
S24 : Avoid contact with skin.  
S29 : Do not empty into drains.  
S37 : Wear suitable gloves.  
S46 : If swallowed seek medical advice immediately and show this container or label.  
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Further information**

: None.

The contents and format of this SDS are in accordance with REACH Regulation (CE) N° 1907/2006.

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