

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION/COMPANY PREPARATION

- **Product Name** : Pure René organic haircare Lime Blossom finishing spray

- **Product code** : PR120, PR140

Relevant identified uses of the substance or mixture and uses advised against : Application of the substance / the preparation Cosmetic Aerosol Spray, such as Deodorant, Hairspray, Hairmousse, Sunspray

- **Date MSDS prepared** : May 29th, 2019

Company Name & Address:

René Internationaal B.V.
De Waterman 15 A
4891 TL Rijsbergen
Phone: +32 (0) 76 82 003 75

Emergency Telephone Number: Contact Your Regional Poison Control Center

2. HAZARDS IDENTIFICATION

- **Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**
GHS02 flame



Flam. Aerosol 1 H222 Extremely flammable aerosol.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

F+; Extremely flammable

R12: Extremely flammable.

- **Classification system: The Product is classified due to the EC Directive 75/324 in the current edition.**

3. COMPOSITION/INFORMATION ON INGREDIENTS

- **Chemical characterization:** Mixtures

- **Description:** Cosmetic Aerosol Sprays:

Filling: Cosmetic preparation which consists of an active agent and a little amount of alcohol

Propellants: Propane, n-Butane, iso-Butane or Dimethylether (Hairspray) Further ingredients are listed on the can (see INCI declaration)

- **Dangerous components:** see above

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable

4. FIRST AID MEASURES

- Description of first aid measures

- **After inhalation** Supply fresh air; consult physician in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eyes for several minutes under running water.
- **Information for occupational physician.**
- Most important symptoms and effects, both acute and delayed Dazedness
- Indication of any immediate medical attention and special treatment needed No further relevant information available

5. FIREFIGHTING MEASURES

Extinguishing media

- **Suitable extinguishing agents** CO₂, extinguishing powder or water jet. Fight larger fires with water jet.
- **Special hazards arising from the substance or mixture** Carbon monoxide (CO)
Nitrogen oxides (NO_x)
- **Advice for firefighters**
- **Protective equipment:** No special measures required

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures** Not required
- **Environmental precautions:** Prevent product from reaching sewage system or water bodies.
- **Methods and material for containment and cleaning up:**
Apply absorbing material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** See Section 8 for information on personal protection equipment

7. HANDLING & STORAGE

- **Handling**
- **Precautions for safe handling** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- Requirements to be met by storerooms and containers:
Store in cool location.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
Store in a cool place. Heat will increase pressure and may lead to the container exploding.
- **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 item 7.
- **Exposure controls**
- **Personal protective equipment**
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not necessary at proper use
- **Body protection:** Not necessary at proper use

9. PHYSICAL & CHEMICAL PROPERTIES

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form: Compressed liquefied gas
 - Colour: specific to the product
- **Smell:** Characteristic
- **Change in condition**
 - Melting point/Melting range: Not determined
 - Boiling point/Boiling range: Not applicable, as aerosol
- **Flash point:** -42°C
- **Ignition temperature:** 240°C
- **Self-inflammability:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.
- **Critical values for explosion:**
 - Lower: 1.5 Vol %
 - Upper: 15.0 Vol %
- **Density** Not determined
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix
- **Viscosity:**
 - dynamic: Not determined.
 - kinematic: Not determined.
- **Other information** No further relevant information available

10. STABILITY & REACTIVITY

- **Reactivity**
- **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. TOXICOLO INFORMATION

- Information on toxicological effects

- Acute toxicity:

- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: Irritant effect.
- Sensitization: No sensitizing effect known.

12. ECOLGOICAL INFORMATION

- Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **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** Smaller quantities can be disposed of with household garbage.
Empty containers, drums, cans, bottles etc. completely before disposing it of.

- European waste catalogue (recommendation)

16 05 04* gases in pressure containers (including halons) containing dangerous substances

- Additional information about the European waste catalogue:

The assignment of a waste key number according to EC Decision 2000/532/EC in connection with EU Directive 75/442/EC has to follow specific industry requirements. The above mentioned classification is only one possible proposal.

- **Uncleaned packagings:**

- **Recommendation:** Disposal according to official regulations

14. TRANSPORT INFORMATION

- UN-Number

- **ADR, IMDG, IATA** UN1950
- **UN proper shipping name**
- **ADR** 1950 AEROSOLS
- **IMDG** AEROSOLS

- **IATA** AEROSOLS, flammable
- **Transport hazard class(es)**
- **ADR**
- Class 2.5F Gases.
- Label 2.1
- **IMDG, IATA**
- Class 2.1
- Label 2.1
- **Packing group**
- **ADR** Void
- **Special precautions for user** Warning: Gases.
- EMS Number: F-D/S-U
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:**
 Limited quantity regulations concerning ADR and IMDG for packages up to 30 kg (gross weight).
 ID 8000 Consumer commodity for airtransport of finished goods in packages up to 30 kg possible
 (gross weight).
- DOT: ORM-D consumer commodity for road transport inside US
- **ADR**
- Tunnel restriction code (D)
- **UN "Model Regulation":** UN1950, AEROSOLS, 2.1

15. REGULATORY INFORMATION

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out

16. OTHER INFORMATION

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

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals