

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.09.2010

Revision: 08.09.2010

1 Identification of the substance/preparation and of the company/undertaking

. Product details

. Trade name: Vanilla flavour ARL 025/CC

. Article number: ARL 025/CC

. Application of the substance / the preparation Flavour for industrial use, not aimed to be eaten in the state.

. Manufacturer/Supplier:

H. Reynaud & Fils

BP 46

F84210 Saint Didier

Tel : + 33 4 90 66 67 00

E-mail : qse@hreynaud.com

. Further information obtainable from: Quality - Security - Environment Department

. Information in case of emergency: + 33 4 90 66 67 00

2 Hazards identification

. Hazard description:



Xi Irritant

. Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 43 May cause sensitisation by skin contact.

. Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

. Chemical characterization

. Description: Flavour

. hazardous components:

CAS: 121-33-5 EINECS: 204-465-2	vanillin	Xi; R 43	2.5-10%
CAS: 431-03-8 EINECS: 207-069-8	butanedione	Xn, Xi, F; R 11-20-38-41	≤ 2.5%

. Additional information: For the wording of the listed risk phrases refer to section 16.

4 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.

Supply fresh air.

. After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.09.2010

Revision: 08.09.2010

Trade name: Vanilla flavour ARL 025/CC

(Contd. of page 1)

- . **After eye contact:** Rinse opened eye for several minutes under running water.
- . **After swallowing:** Inform doctor. Do not give milk or fatty oils.

5 Fire-fighting measures

- . **Suitable extinguishing agents:** CO₂, powder, foam
- . **For safety reasons unsuitable extinguishing agents:** Water with full jet
- . **Special hazards caused by the substance, its products of combustion or resulting gases:**
Carbon monoxide (CO)
- . **Protective equipment:** No special measures required.

6 Accidental release measures

- . **Person-related safety precautions:** Not required.
- . **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- . **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- . **Handling:**
- . **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- . **Information about fire - and explosion protection:** No special measures required.
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** Store in the dark.

8 Exposure controls/personal protection

- . **Additional information about design of technical facilities:** No further data; see item 7.
- . **Ingredients 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 valid during the making were used as basis.
- . **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.
- . **Respiratory protection:** Not required.
- . **Protection of hands:**



Protective gloves

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

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.09.2010

Revision: 08.09.2010

Trade name: Vanilla flavour ARL 025/CC

(Contd. of page 2)

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: Goggles recommended during refilling

9 Physical and chemical properties

. General Information

Form:	Liquid
Colour:	Colourless to pale yellow
Odour:	Characteristic

. Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

. Flash point (Pensky Martens DIN 51 758 method): > 61°C

. Self-igniting: Product is not selfigniting.

. Danger of explosion: Product does not present an explosion hazard.

. Density at 20°C: 1.156 g/cm³

. Solubility in / Miscibility with water: Not miscible or difficult to mix.

10 Stability and reactivity

. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

. Materials to be avoided:

. Dangerous reactions No dangerous reactions known.

. Dangerous decomposition products: No dangerous decomposition products known.

11 Toxicological information

. Acute toxicity:

. Primary irritant effect:

. on the skin: No irritant effect.

. on the eye: No irritating effect.

. Sensitization: Sensitization possible through skin contact.

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.09.2010

Revision: 08.09.2010

Trade name: Vanilla flavour ARL 025/CC

(Contd. of page 3)

. Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

. **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information

. Additional ecological information:

. General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

. Product:

. Recommendation

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

. Uncleaned packaging:

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

14 Transport information

. Land transport ADR/RID (cross-border)

. ADR/RID class: -

. Remarks: not dangerous

. Inland shipping ADN:

. Remarks: not dangerous

. Maritime transport IMDG:

. IMDG Class: -

. Marine pollutant: No

. Remarks: not dangerous

. Air transport ICAO-TI and IATA-DGR:

. ICAO/IATA Class: -

. Remarks: not dangerous

. Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information

. Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

. Code letter and hazard designation of product:

Xi Irritant

(Contd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 08.09.2010

Revision: 08.09.2010

Trade name: Vanilla flavour ARL 025/CC

(Contd. of page 4)

. Hazard-determining components of labelling:

vanillin

. Risk phrases:

43 May cause sensitisation by skin contact.

. Safety phrases:

24 Avoid contact with skin.

37 Wear suitable gloves.

60 This material and its container must be disposed of as hazardous waste.

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.

. Relevant R-phrases

11 Highly flammable.

20 Harmful by inhalation.

38 Irritating to skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

. Department issuing MSDS: Quality - Security - Environment Department

. Sources Florence GINESTET

. * Data compared to the previous version altered.

GB