

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 14.10.2020

Revision: 14.10.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **TOLU ABSOLUTE FRANCE AT106**

Article number: HRFUK329

CAS Number:

9000-64-0

EC number:

232-550-4

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

No further relevant information available.

Application of the substance / the mixture Multi uses

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: G. Baldwin & Co. Ltd

171-173 Walworth Road, London SE17 1RW

TEL+ 44 0207 7035550

FAX + 44 0207 2526264

E-mail : sales@baldwins.co.uk

Further information obtainable from: Department Essential Oils

1.4 Emergency telephone number: + 44 0207 703 5550

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07 GHS08

Signal word Warning

Hazard statements

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

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- P280 *Wear eye protection / face protection.*
- P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

. Additional information:

EUH208 Contains cinnamaldehyde, Eugenol, Cinnamyl alcohol. May produce an allergic reaction.

. 2.3 Other hazards

. Results of PBT and vPvB assessment

. PBT: *Not applicable.*

. vPvB: *Not applicable.*

SECTION 3: Composition/information on ingredients

. 3.1 Chemical characterisation: Substances

. CAS No. Description

9000-64-0 Tolu absolute

. Identification number(s)

. EC number: *232-550-4*

. hazardous components:

<i>CAS: 120-51-4</i>	<i>Benzyl benzoate</i>	<i>1-10%</i>
<i>EINECS: 204-402-9</i>	<i>Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302</i>	
<i>CAS: 104-55-2</i>	<i>cinnamaldehyde</i>	<i>1-10%</i>
<i>EINECS: 203-213-9</i>	<i>Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317</i>	
<i>CAS: 100-51-6</i>	<i>Benzyl alcohol</i>	<i>脂1%</i>
<i>EINECS: 202-859-9</i>	<i>Acute Tox. 4, H302; Eye Irrit. 2, H319</i>	
<i>CAS: 97-53-0</i>	<i>Eugenol</i>	<i>脂1%</i>
<i>EINECS: 202-589-1</i>	<i>Eye Irrit. 2, H319; Skin Sens. 1B, H317</i>	
<i>CAS: 104-54-1</i>	<i>Cinnamyl alcohol</i>	<i>脂1%</i>
<i>EINECS: 203-212-3</i>	<i>Skin Sens. 1B, H317</i>	

SECTION 4: First aid measures

. 4.1 Description of first aid measures

. After inhalation: *Supply fresh air.*

. After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

. After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

. After swallowing: *Inform doctor. Do not give milk or fatty oils.*

. 4.2 Most important symptoms and effects, both acute and delayed *No further relevant information available.*

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

No further relevant information available.

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SECTION 5: Firefighting measures

- . **5.1 Extinguishing media**
- . **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- . **For safety reasons unsuitable extinguishing agents:** Water with full jet
- . **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
Carbon monoxide (CO)
- . **5.3 Advice for firefighters**
- . **Protective equipment:** Mount respiratory protective device.

SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
- . **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- . **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- . **Information about fire - and explosion protection:** Keep respiratory protective device available.
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . **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:**
Keep receptacle tightly sealed.
Store in the dark.
- . **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- . **Additional information about design of technical facilities:** No further data; see item 7.
- . **8.1 Control parameters**
- . **Ingredients with limit values that require monitoring at the workplace:** Not required.
- . **Additional information:** The lists valid during the making were used as basis.

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. 8.2 Exposure controls

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. Personal protective equipment:

. General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.

. Respiratory protection:

- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

. Protection of hands:



Protective gloves

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

Nitrile rubber, NBR

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.

. 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:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

. 9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form:	Liquid
Colour:	According to product specification
Odour:	Characteristic

. pH-value: Not determined.

. Change in condition

Melting point/freezing point: Undetermined.

. Flash point (closed cup - ASTM D6450): 85 °C

. Flammability (solid, gas): Not applicable.

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. Decomposition temperature:	Not determined.
. Auto-ignition temperature:	Not determined.
. Explosive properties:	Product does not present an explosion hazard.
. Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
. Vapour pressure:	Not determined.
. Density:	
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
. Solubility in / Miscibility with water:	Not miscible or difficult to mix.
. Partition coefficient: n-octanol/water:	Not determined.
. Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
. 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- . **10.1 Reactivity** No further relevant information available.
- . **10.2 Chemical stability**
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity** Based on available data, the classification criteria are not met.
- . **Primary irritant effect:**
- . **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- . **Serious eye damage/irritation**
Causes serious eye irritation.
- . **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- . **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- . **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- . **Carcinogenicity** Based on available data, the classification criteria are not met.
- . **Reproductive toxicity** Based on available data, the classification criteria are not met.
- . **STOT-single exposure** Based on available data, the classification criteria are not met.
- . **STOT-repeated exposure**
May cause damage to organs through prolonged or repeated exposure.

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. **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

. 12.1 Toxicity

. **Aquatic toxicity:** No further relevant information available.

. **12.2 Persistence and degradability** No further relevant information available.

. **12.3 Bioaccumulative potential** No further relevant information available.

. **12.4 Mobility in soil** No further relevant information available.

. **Additional ecological information:**

. **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

. **12.5 Results of PBT and vPvB assessment**

. **PBT:** Not applicable.

. **vPvB:** Not applicable.

. **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

. 13.1 Waste treatment methods

. **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.

SECTION 14: Transport information

. 14.1 UN-Number

. **ADR, ADN, IMDG, IATA** Void

. 14.2 UN proper shipping name

. **ADR, ADN, IMDG, IATA** Void

. 14.3 Transport hazard class(es)

. **ADR, ADN, IMDG, IATA**

. **Class** Void

. 14.4 Packing group

. **ADR, IMDG, IATA** Void

. 14.5 Environmental hazards:

. **Marine pollutant:** Yes

. 14.6 Special precautions for user

Not applicable.

. **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

. **Transport/Additional information:**

Not dangerous according to the above specifications.

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. ADR	
. Remarks:	<i>not dangerous</i>
. ADN	
. Remarks:	<i>not dangerous</i>
. IMDG	
. Remarks:	<i>not dangerous</i>
. IATA	
. Remarks:	<i>not dangerous</i>
. UN "Model Regulation":	<i>Void</i>

SECTION 15: Regulatory information

- . **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . **Directive 2012/18/EU**
- . **Named dangerous substances - ANNEX I** Substance is not listed.
- . **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- . **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

. **Relevant phrases**

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

. **Department issuing SDS:** Department Essentials Oils

. **Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
- 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 Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity - oral - Category 4
- Skin Irrit. 2: Skin corrosion/irritation - Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation - Category 2
- Skin Sens. 1A: Skin sensitisation - Category 1A
- Skin Sens. 1B: Skin sensitisation - Category 1B
- STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1