

Safety Data Sheet
according to 29 CFR 1910.1200

1682802

 Reviewed on: 12/03/18
 Printing date: 12/03/2018

PRODUCT : AMBREINE

Seek immediate medical advice.

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05 Fire-fighting measures

- Suitable extinguishing agents:
CO₂, sand, extinguishing powder. Do not use water.
Use fire fighting measures that suit the environment.
- For safety reasons unsuitable extinguishing agents:
Water with full jet

5.2 Special hazards arising from the substance or mixture
 * No further relevant information available.

- Protective equipment:
Do not inhale explosion gases or combustion gases.
- Additional information
Cool endangered receptacles with water spray.

06 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
 * Wear protective equipment. Keep unprotected persons away.
 Keep away from ignition sources

6.3 Methods and material for containment and cleaning up:
 Dispose of the collected material according to regulations.

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.
- Protective Action Criteria for Chemicals
- PAC-1:
* Substance is not listed.
- PAC-2:
* Substance is not listed.
- PAC-3:
* Substance is not listed.

07 Handling and storage

• Handling:

7.1 Precautions for safe handling

- Store in cool, dry place in tightly closed receptacles.
- Keep away from heat and direct sunlight.
- Ensure good ventilation/exhaustion at the workplace.
- * Handle with care. Avoid jolting, friction and impact.

• Information about protection against explosions and fires:
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.

• Storage:

- Requirements to be met by storerooms and receptacles:
Store in a cool location.
- Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.

7.3 Specific end use(s)

- * No further relevant information available.

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08 Exposure controls/personal protection

- Components with limit values that require monitoring at the workplace:
Not required.

CAS No.	Designation of material	%	Type	Value	Unit
Not required.					

- Additional information:
The lists that were valid during the creation were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.
- 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
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: Safety glasses

09 Physical and chemical properties

General Information

Appearance:

Form:	viscous
Color:	brown
Odor:	amber
Odor threshold:	Not determined.

Change in condition

* Melting point/Melting range:	12 - 15 °C
Boiling point/Boiling range:	Undetermined.
* Flash point:	169 °C NFT 60-103 CC
Flammability (solid, gaseous):	Undetermined.
* Auto igniting:	365°C
Danger of explosion:	Undetermined.
Vapor pressure:	Not determined.
Density:	Not determined.
* Relative density	1,0668
Solubility in / Miscibility with	
Water:	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
* Other information	No further relevant information available.

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
Undetermined.
- * Incompatible materials:
No further relevant information available.
- Hazardous decomposition products:
Undetermined.

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11 Toxicological information

- * • Acute toxicity:
- * • LD/LC50 values that are relevant for classification:
- * **ISO LD/LC**
- * **8016-26-0** ***Cistus ladaniferus L.***
- * Oral, LD50: >5000 mg/kg (mouse) (readcross)
- * **5989-27-5** ***limonene-d***
- * Oral, LD50: 4400 mg/kg (rat)
- * • Primary irritant effect:
- * • on the skin:
No irritant effect.
- * • on the eye:
No irritating effect.
- * • Sensitization:
No sensitizing effects known.
- * • Subacute to chronic toxicity:
Undetermined.
- * • Additional toxicological information:
The substance is not subject to classification.
- * • Carcinogenic categories
- * • IARC (International Agency for Research on Cancer)
Substance is not listed.
- * • NTP (National Toxicology Program)
Substance is not listed.
- * • OSHA-Ca (Occupational Safety & Health Administration)
Substance is not listed.

12 Ecological information

- * • Aquatic toxicity:
- * **8016-26-0** ***Cistus ladaniferus L.***
- * CE50/48h: >100 mg/l (daphnia) (readcross (OECD 202)
- * ErC50(0-72h): >1000 mg/l (algae) (readcross (OECD 201)
- * **5989-27-5** ***limonene-d***
- * LD50: 0,71 mg/l (fish) (OECD 203)
- * • Persistence and degradability
Not determined.
- * • Behavior in environmental systems:
Not determined.
- * • Bioaccumulative potential
No further relevant information available.
- * • Ecotoxicological effects:
Not determined.
- * • Additional ecological information:
- * • General notes:
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- Waste treatment methods
- Recommendation:
Must be specially treated adhering to official regulations.
- Uncleaned packagings:
- Recommendation:
Disposal must be made according to official regulations.

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14 Transport information

- UN-Number
- DOT** Void
- ADR** Void
- IMDG** Void
- IATA** Void
- UN proper shipping name
- DOT** Void
- ADR** Void
- IMDG** Void
- IATA** Void
- Transport hazard class(es)
- DOT**
- Class** Void
- ADR**
- Class** Void
- IMDG**
- Class** Void
- IATA**
- Class** Void
- Packing group
- DOT** Void
- ADR** Void
- IMDG** Void
- IATA** Void

- Environmental hazards:
Not applicable.
- * • Special precautions for user
Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.
- Transport/Additional information:
Not applicable.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
Non-mandatory
- * • New Jersey Right-to-Know List:
Substance is not listed.
- * • New Jersey Special Hazardous Substance List:
Substance is not listed.
- * • Pennsylvania Right-to-Know List:
Substance is not listed.
- * • Pennsylvania Special Hazardous Substance List:
Substance is not listed.

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16 Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document. The required information complies with US regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases
 - * H226 Flammable liquid and vapor.
 - * H304 May be fatal if swallowed and enters airways.
 - * H315 Causes skin irritation.
 - * H317 May cause an allergic skin reaction.
 - * H400 Very toxic to aquatic life.
 - * H410 Very toxic to aquatic life with long lasting effects.

- Training hints
 - * Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.
- Date of preparation / last revision
12.03.2018

- Abbreviations and acronyms:
 - IFRA: International Fragrance Association
 - IOFI: International Organization of the Flavor Industry
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - ICAO: International Civil Aviation Organisation
 - 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)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent

- Sources
 - * IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

- * Data compared to the previous version altered.