

**AMBROFIX 1836803**

Version 5.3

Revision Date 19 SEP 2016

Print Date 10 OCT 2016

**SECTION 1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Sales No. : 127737  
AMBROFIX 1836803

Substance name : DODECAHYDRO-3A,6,6,9A-TETRAMETHYLNAPHTHO(2,1-B)-FURAN

Identifier

CAS : 6790-58-5  
CAS : 3738-00-9  
EINECS : 229-861-2  
Formula : C16-H28-O

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

Intended Use Fragrances : Perfumery or flavor ingredient

**1.3 Details of the supplier of the safety data sheet**

Company :  
Givaudan Suisse SA  
Chemin de la Parfumerie 5  
CH-1214 VERNIER

Telephone : +41227809111  
Telefax : +41227809150  
E-mail address : global.msds\_fragrances\_raps@givaudan.com  
Responsible/issuing person

**1.4 Emergency telephone number**

+33172110003  
Please refer to section 16 for a full list of emergency phone numbers.

**SECTION 2. Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

**2.3 Other hazards**

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Hazards not Otherwise Classified. : May form combustible dust concentrations in air.

**SECTION 3. Composition/information on ingredients**

**3.1 Substances**

Remarks : No hazardous ingredients

Hydrocarbons : 0 %

**SECTION 4. First aid measures**

**4.1 Description of first aid measures**

General advice : Do not leave the victim unattended.

If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
If on skin, rinse well with water.

In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms : no data available

Risks : no data available

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

Treatment : no data available

**SECTION 5. Firefighting measures**

**5.1 Extinguishing media**

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Suitable extinguishing media : Dry chemical  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Water spray

Unsuitable extinguishing media : no data available

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during firefighting : no data available

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Avoid dust formation.

**6.2 Environmental precautions**

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Not applicable

**SECTION 7. Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against : Provide appropriate exhaust ventilation at places where dust

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fire and explosion is formed.

Temperature class : no data available  
Fire-fighting class : no data available  
Dust explosion class : no data available

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : no data available

Advice on common storage : No materials to be especially mentioned.

German storage class : no data available  
Other data : Keep in a dry place.  
No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

Specific use(s) : no data available

**SECTION 8. Exposure controls/personal protection**

**8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

**Environmental exposure controls**

General advice : If the product contaminates rivers and lakes or drains inform respective authorities.

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**SECTION 9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state	: solid
Form	: powder
Colour	: white to Whitish
Taste	: not determined
Odour	: Ambery, woody, Dry, Warm
Odour Threshold	: 0,2075 ng/l
Flash point	: 161 °C Method: closed cup
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability (solid, gas)	: May form combustible dust concentrations in air.
Oxidizing properties	: no data available
Auto-ignition temperature	: no data available
Decomposition temperature	: no data available
Molecular weight	: 236,40 g/mol
pH	: no data available
Melting point	: 75 °C
Boiling point	: 318 °C at 1 013 hPa
Vapour pressure	: 0,0006 hPa at 25 °C Method: OECD Test Guideline 104
Density	: Not applicable
Bulk density	: not determined
Water solubility	: 1,88 mg/l at 20 °C
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: log Pow: > 5,09 Method: OECD Test Guideline 117
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Surface tension	: 67,6 mN/m at 21,6 °C Method: OECD Test Guideline 115
Evaporation rate	: no data available
Explosive properties	: no data available

**SECTION 10. Stability and reactivity**

**10.1 Reactivity**

none

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Stable under recommended storage conditions., No hazards to be specially mentioned. Dust may form explosive mixture in air.

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**10.4 Conditions to avoid**

Conditions to avoid : no data available

**10.5 Incompatible materials**

Materials to avoid : no data available

**10.6 Hazardous decomposition products**

Hazardous decomposition products : no data available

Thermal decomposition : no data available

**SECTION 11. Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Acute oral toxicity** : LD50 Rat  
Dose: > 2 000 mg/kg

**Acute inhalation toxicity** : This information is not available.

**Acute dermal toxicity** : This information is not available.

**Acute toxicity (other routes of administration)** : No data is available on the product itself.

**Skin corrosion/irritation**

Skin irritation : Species: Rabbit  
No skin irritation  
Method: OECD Test Guideline 404

**Serious eye damage/eye irritation**

Eye irritation : No data is available on the product itself.

**Respiratory or skin sensitisation**

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Sensitisation : Skin sensitization Human  
Result: Not sensitizing  
at 5 % in Petrolatum  
Maximisation Test Guinea pig  
Result: Not sensitizing  
Method: OECD Test Guideline 406

**Germ cell mutagenicity**

Germ cell mutagenicity : No data is available on the product itself.

**Carcinogenicity**

Carcinogenicity : No data is available on the product itself.

**Reproductive toxicity**

Reproductive toxicity : No data is available on the product itself.

**Target Organ Systemic Toxicant - Single exposure**

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

**Target Organ Systemic Toxicant - Repeated exposure**

Target Organ Systemic Toxicant - Repeated exposure : No data is available on the product itself.

**Aspiration hazard**

Aspiration toxicity : No data is available on the product itself.

**Phototoxicity**

Phototoxicity : Phototoxicity Guinea pig  
Result:negative

**Further information** : no data available

**SECTION 12. Ecological information**

**12.1 Toxicity**

Toxicity to fish : no data available  
Toxicity to daphnia and other aquatic invertebrates : no data available  
Toxicity to algae : no data available

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Toxicity to fish (Chronic toxicity) : no data available  
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : no data available  
  
Acute aquatic toxicity : no data available  
Chronic aquatic toxicity : no data available  
Toxicity Data on Soil : no data available  
Other organisms relevant to the environment : no data available

### 12.2 Persistence and degradability

Biodegradability : Result: Readily biodegradable  
71 %  
Method: OECD Test Guideline 301 F

### 12.3 Bioaccumulative potential

Bioaccumulation : no data available

### 12.4 Mobility in soil

Mobility : no data available  
Distribution among environmental compartments : no data available  
Additional advice : no data available  
Environmental fate and pathways  
Physico-chemical removability : no data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

Biochemical Oxygen Demand (BOD) : no data available  
Dissolved organic carbon (DOC) : no data available  
Chemical Oxygen Demand (COD) : no data available  
Adsorbed organic bound halogens (AOX) : no data available  
Additional ecological information : no data available

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**SECTION 13. Disposal considerations**

**13.1 Waste treatment methods**

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

Dispose of in accordance with local regulations.

**SECTION 14. Transport information**

**ADR/RID**

Not regulated

**IATA/ICAO**

Not regulated

**IMDG**

Not regulated

**SECTION 15. Regulatory information**

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

Water contaminating class (Germany) : WGK 2 water endangering  
Number: 3 489  
Classification according to appendix 3  
ZDE\_WGK Update: 2005-08-31

**15.2 Chemical safety assessment**

no data available

**SECTION 16. Other information**

**Full list of Emergency response numbers worldwide.**

	Country	Phone nr		Country	Phone nr
Europe	All Europe	+44 1235 239670	APAC	All East/South East Asia	+65 3158 1074
	France	+33 1 72 11 00 03		Sri Lanka	+65 3158 1195

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	Germany	+49 69 222 25285		Taiwan	+886 2 8793 3212
	Spain	+34 91 114 2520		Japan	+81 3 4578 9341
	Italy	+39 02 3604 2884		Indonesia	007 803 011 0293
	Netherlands	+31 10 713 8195		Malaysia	+60 3 6207 4347
	Turkey	+90 212 375 5231		Thailand	001 800 120 666 751
	Norway	+47 2103 4452		India	+65 3158 1198 000 800 100 7479
	Greece	+30 21 1198 3182		Pakistan	+65 3158 1329
	Portugal	+351 30880 4750		Bangladesh	+65 3158 1200
	Denmark	+45 8988 2286		Philippines	+65 3158 1203
	Sweden	+46 8 566 42573		Vietnam	+84 8 4458 2388
	Poland	+48 22 307 3690		Korea	+65 3158 1285
	Czech republic	+420 228 882 830		South Korea	+82 2 3479 8401
	Finland	+358 9 7479 0199		Australia	+61 2 8014 4558
Middle East/Africa	All Middle East/Africa	+44 1235 239671		New Zealand	+64 9 929 1483
	Bahrain and Middle East	+973 1619 8321		China	+86 21 6267 9090
	Africa/South Africa	+27 21 300 2732		Mexico	+52 55 5004 8763
NOAM	USA and Canada	+1 866 928 0789	LATAM	Brazil	+55 11 3197 5891
	USA and Canada	+1 215 207 0061		Chile	+56 2 2582 9336
	USA and Canada	+1 202 464 2554	Global	Global	+44 1865 407333

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