

**METHYL DIANTILIS 6906203**

Version 7.0

Revision Date 20 JUL 2014

Print Date 05 OCT 2014

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

**1.1 Product identifier**

Sales No. : METHYL DIANTILIS 6906203

Substance name : 2-ETHOXY-4-(METHOXYMETHYL)PHENOL  
Identifier

CAS : 5595-79-9  
ELINCS : 447-640-0  
REACH Registration Number : 01-0000018892-61-0001

If this is a flavouring for foodstuffs, then the exemption from REACH registration applies.

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

Intended Use Fragrances : Perfumery 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

**SECTION 2. Hazards identification**

**2.1 Classification of the substance or mixture**

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

Acute toxicity, Category 4 H302: Harmful if swallowed.  
Skin sensitisation, Sub-category 1B H317: May cause an allergic skin reaction.

**Classification (67/548/EEC, 1999/45/EC)**

Harmful R22: Harmful if swallowed.  
Sensitising R43: May cause sensitisation by skin contact.

**2.2 Label elements**

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


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Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H302 H317	Harmful if swallowed. May cause an allergic skin reaction.
Precautionary statements	:	<b>Prevention:</b> P261 P270 P280 <b>Response:</b> P333 + P313 P363 <b>Disposal:</b> P501	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Do not eat, drink or smoke when using this product. Wear protective gloves. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse. Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

- 2-ETHOXY-4- (METHOXYMETHYL)PHENOL 5595-79-9

**Labelling according to EC Directives (67/548/EEC, 1999/45/EC)**

Hazard pictograms	:		
		Harmful	
R-phrases(s)	:	R22 R43	Harmful if swallowed. May cause sensitisation by skin contact.
S-phrases(s)	:	S24 S37 S60	Avoid contact with skin. Wear suitable gloves. This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label:

- 2-ETHOXY-4- (METHOXYMETHYL)PHENOL 5595-79-9

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**2.3 Other hazards**

no data available

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

**3.1 Substances**

Chemical Name	CAS-No. EINECS-No. / ELINCS No.	Concentration [%]
2-ETHOXY-4- (METHOXYMETHYL)PHEN OL	5595-79-9 447-640-0	>= 50 - <= 100

Hydrocarbons : 0 %

**SECTION 4. First aid measures**

**4.1 Description of first aid measures**

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
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 : If on skin, rinse well with water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Induce vomiting immediately and call a physician.  
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**

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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**

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

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 fire fighting 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 : Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

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not applicable

**SECTION 7. Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.  
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 : Keep container tightly closed in a dry and well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : no data available  
Advice on common storage : no data available  
German storage class : no data available  
Other data : 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**

Hand protection : The suitability for a specific workplace should be discussed

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- with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles
- Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.
- Environmental exposure controls**
- General advice : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

**SECTION 9. Physical and chemical properties**

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

- Physical state : liquid  
Form : liquid  
Colour : Pale yellow  
Taste : not determined  
Odour : Spicy, Vanilla-like, Balsamic, mild  
Odour Threshold : 1,7043 ng/l  
Flash point : 140 °C Method: Pensky-Martens closed cup  
Lower explosion limit : not determined  
Upper explosion limit : not determined  
Flammability (solid, gas) : no data available  
Oxidizing properties : no data available  
Auto-ignition temperature : 295 °C  
Method: DIN 51794
- Decomposition temperature : no data available  
Molecular weight : 182,20 g/mol  
pH : no data available  
Melting point : 6 °C  
Boiling point : 258 °C at 1 013 hPa  
Vapour pressure : < 0,0001 hPa at 20 °C  
Method: OECD Test Guideline 104
- Density : 1 108,96 kg/m<sup>3</sup> at 20 °C  
Bulk density : not applicable  
Water solubility : 14 200 mg/l at 20 °C  
Solubility/qualitative : Sparingly soluble

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Partition coefficient: n-octanol/water	:	log Pow: 1,1	Method: OECD Test Guideline 117
Viscosity, kinematic	:	no data available	
Relative vapour density	:	no data available	
Surface tension	:	70,7 mN/m at 20 °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 : No decomposition if stored and applied as directed.

**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: > 300 mg/kg  
Method: OECD Test Guideline 423

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

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**Acute dermal toxicity** : LD50 rat  
Dose: > 2 000 mg/kg  
Method: OECD Test Guideline 402

**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 : Species: rabbit  
No eye irritation  
Method: OECD Test Guideline 405

**Respiratory or skin sensitisation**

Sensitisation : Maximisation Test guinea pig  
Result: Causes sensitisation.  
Method: OECD Test Guideline 406

**Germ cell mutagenicity**

Genotoxicity in vitro : Ames test  
negative  
Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)  
  
Chromosome aberration test in vitro  
positive  
Method: Mutagenicity (in vitro mammalian cytogenetic test)

Genotoxicity in vivo : Micronucleus test                      Species: mouse  
Method: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)  
negative

**Carcinogenicity**

Carcinogenicity : No data is available on the product itself.

**Reproductive toxicity**

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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 : Species: rat, male and female  
NOAEL: 200 mg/kg  
Method: OECD Test Guideline 407  
Repeated dose (28 days) toxicity (oral)

**Target Organ Systemic Toxicant - Repeated exposure  
Aspiration hazard**

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

**Phototoxicity**

Phototoxicity : Phototoxicity guinea pig  
Result:negative

Photoallergy guinea pig  
Result:negative

**Further information** : no data available

**SECTION 12. Ecological information**

**12.1 Toxicity**

Toxicity to fish : LC50: > 100 mg/l  
Exposure time: 96 h  
Species: Danio rerio (zebra fish)  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50: 23 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 202

Toxicity to algae : ErC50: > 100 mg/l

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Exposure time: 72 h  
Species: *Desmodesmus subspicatus* (green algae)  
Method: OECD Test Guideline 201

Toxicity to bacteria : no data available  
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.  
89 %  
Method: OECD Test Guideline 301 C

**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**

no data available

**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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**13.1 Waste treatment methods**

Product : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with  
chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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 : WGK 1 slightly water endangering  
(Germany) Number: 7  
Classification according to appendix 3  
ZDE\_WGK Update: 2008-11-11

**15.2 Chemical Safety Assessment**

no data available

**SECTION 16. Other information**

**Full text of R-phrases referred to under sections 2 and 3**

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R22 Harmful if swallowed.  
R43 May cause sensitisation by skin contact.

**Full text of H-Statements referred to under sections 2 and 3.**

H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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