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

1.1 Product identifier

Sales No. : 6906203
METHYL DIANTILIS

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

Identifier

CAS : 5595-79-9
ELINCS : 447-640-0

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

1.4 Emergency telephone number

+41227809700

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 sensitization, Category 1 H317: May cause an allergic skin reaction.

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

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Hazard pictograms : ⚠️

Signal word : Warning

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

Precautionary statements : Prevention:
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.
Response:
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

Hazardous components which must be listed on the label:
- 2-ETHOXY-4-(METHOXYMETHYL)PHENOL 5595-79-9

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms : ❌

R-phrase(s) : R22 Harmful if swallowed.
             R43 May cause sensitization by skin contact.

S-phrase(s) : S24 Avoid contact with skin.
             S37 Wear suitable gloves.
             S60 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
2.3 Other hazards
no data available

3. Composition/information on ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>EINECS-No. / ELINCS No.</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-ETHOXY-4-(METHOXYMETHYL)PHENOL</td>
<td>5595-79-9</td>
<td>447-640-0</td>
<td>&gt;= 50 - &lt;= 100</td>
</tr>
</tbody>
</table>

Hydrocarbons : 0 %

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
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

METHYL DIANTILIS
Version 1.0 Revision Date 29 NOV 2010 Print Date 29 NOV 2010

4.3 Indication of immediate medical attention and special treatment needed
Treatment : no data available

5. Fire-fighting measures

5.1 Extinguishing media
Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture
Specific hazards during fire fighting : no data available

5.3 Advice for firefighters
Special protective equipment for fire-fighters : 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.

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
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:
- 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 uses

Specific use(s): no data available

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
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.

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
Autoignition 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/m3 at 20 °C
Bulk density : not applicable
Water solubility : 14 200 mg/l at 20 °C
Solubility/qualitative : Sparingly soluble
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

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

11. Toxicological information

11.1 Information on toxicological effects
Acute toxicity
Acute oral toxicity: LD50 rat
Dose: > 300 mg/kg

Acute inhalation toxicity: This information is not available.

Acute dermal toxicity: LD50 rat
Dose: > 2 000 mg/kg
Acute toxicity (other routes of administration): No data is available on the product itself.

Skin corrosion/irritation:
Skin irritation: Species: rat
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 sensitization:
Sensitisation: HRIPT Human
Result: Not sensitizing at 10% in Dimethyl phthalate
Maximisation Test guinea pig
Result: Causes sensitization.
Method: OECD Test Guideline 406

Germ cell mutagenicity:
Genotoxicity in vitro: Ames test negative
Method: Mutagenicity (Escherichia coli - reverse mutation assay)

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:
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

Species: rat
NOEL: 200 mg/kg
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 guinea pig
Result: negative

Photoallergy guinea pig
Result: negative

Further information
no data available

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
EC50: > 100 mg/l
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.
Method: OECD Test Guideline 301 F
Result: Inherently biodegradable.
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 : no data available
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
13. Disposal considerations

13.1 Waste treatment methods

<table>
<thead>
<tr>
<th>Product</th>
<th>Do not dispose of waste into sewer.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Do not contaminate ponds, waterways or ditches with chemical or used container.</td>
</tr>
<tr>
<td></td>
<td>Send to a licensed waste management company.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contaminated packaging</th>
<th>Empty remaining contents.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dispose of as unused product.</td>
</tr>
<tr>
<td></td>
<td>Do not re-use empty containers.</td>
</tr>
</tbody>
</table>

Dispose of in accordance with local regulations.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

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

| Water contaminating class (Germany) | WGK 1 slightly water endangering German legislation on water endangering substances VwVwS |

15.2 Chemical Safety Assessment

no data available

16. Other information

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

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

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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.