

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



TOSCANOL 0014203

Version 5.0

Revision Date 13 FEB 2014

Print Date 20 FEB 2014

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

1.1 Product identifier

Sales No. : TOSCANOL 0014203

Substance name : 1-CYCLOPROPYLMETHYL-4-METHOXYBENZENE
Identifier

CAS : 16510-27-3
ELINCS : 444-110-0

REACH Registration Number : 01-0000018728-58-0001

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)

Skin sensitisation, Sub-category 1B H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects.

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

Sensitising R43: May cause sensitisation by skin contact.
Irritant R38: Irritating to skin.
Dangerous for the environment R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Administrative information:

Report Information: SDS_GB/EN/GHS_SDS_EU_CNTRY/11

Sales & Distribution Information: VE01/FR/CH12/01/0010003798/0001720324/000010

Shipping Order Information: 8627337/2780385

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Givaudan[®]

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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P273 Avoid release to the environment.
P280 Wear protective gloves.
Response:
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.

Hazardous components which must be listed on the label:

- 1-CYCLOPROPYLMETHYL-4- 16510-27-3
METHOXYBENZENE

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

Hazard pictograms :



Irritant

Dangerous
for the
environment

R-phrase(s) : R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S24 Avoid contact with skin.
S37 Wear suitable gloves.
S57 Use appropriate container to avoid environmental contamination.

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This material and its container must be disposed of as hazardous waste.

Hazardous components which must be listed on the label:

- 1-CYCLOPROPYLMETHYL-4-METHOXYBENZENE 16510-27-3

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 [%]
1-CYCLOPROPYLMETHYL-4-METHOXYBENZENE	16510-27-3 444-110-0	<= 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.

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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

Suitable extinguishing media :
Dry chemical
Alcohol-resistant foam
Water spray
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.
Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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.

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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

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.
Containers which are opened must be carefully resealed and
kept upright to prevent leakage.
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

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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 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 : 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 : colourless
- Taste : not determined
- Odour : Aniseed-like, Green, Liqueur-like, Herbaceous
- Odour Threshold : 0,5549 ng/l
- Flash point : 113 °C Method: Pensky-Martens closed cup
- Lower explosion limit : not determined
- Upper explosion limit : not determined
- Flammability (solid, gas) : no data available
- Oxidizing properties : Unlikely
- Auto-ignition temperature : 400 °C
Method: A15

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Decomposition temperature	: no data available
Molecular weight	: 162,20 g/mol
pH	: no data available
Melting point	: -23 °C
Boiling point	: 235 °C at 1 013 hPa
Vapour pressure	: 0,0113 hPa at 20 °C Method: OECD Test Guideline 104 0,5 hPa at 108 °C
Density	: 989,97 kg/m ³ at 20 °C
Bulk density	: not applicable
Water solubility	: 46,7 mg/l at 20 °C
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: log Pow: 3,8 Method: OECD Test Guideline 117
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Surface tension	: 65,6 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

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SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : LD50 rat
Dose: > 2 000 mg/kg
Method: OECD Test Guideline 423

Acute inhalation toxicity : This information is not available.

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 : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation

Sensitisation : HRIPT Human
Result: Not sensitizing
at 6 % in Dimethyl phthalate
LLNA mouse
Result: Weak sensitizer
Method: OECD Test Guideline 429

Germ cell mutagenicity

Genotoxicity in vitro : Ames test
negative
Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)

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Chromosome aberration test in vitro
negative
Method: Mutagenicity (in vitro mammalian cytogenetic test)

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.

Target Organ Systemic Toxicant - Repeated exposure Aspiration hazard

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

Phototoxicity

Phototoxicity : No data is available on the product itself.
Further information : no data available

SECTION 12. Ecological information

12.1 Toxicity

Toxicity to fish : LC50: 6,5 mg/l
Exposure time: 96 h
Species: Cyprinus carpio (Carp)
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50: 4 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 202

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Toxicity to algae : ErC50: 2,3 mg/l
Exposure time: 96 h
Species: *Selenastrum capricornutum* (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: Inherently biodegradable.
73 %
Method: OECD Test Guideline 302 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 : An environmental hazard cannot be excluded in the event of

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information

unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

- Product : The product should not be allowed to enter drains, water courses or the soil.
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/ADN

- UN number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(1-Cyclopropylmethyl-4-methoxybenzene)
Transport hazard class(es) : 9
Packing group : III
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (E)
Environmentally hazardous : yes

IATA/ICAO

- UN number : 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(1-Cyclopropylmethyl-4-methoxybenzene)
Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes
- Packing instruction (CAO) : 964
Packing instruction (PAX) : 964
Packing instruction (Ltd. Qty.) : Y964

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IMDG

UN number : 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(1-Cyclopropylmethyl-4-methoxybenzene)
Class : 9
Packing group : III
Labels : 9
EmS Fire : F-A
EmS Spillage : S-F

Marine pollutant : yes
1-Cyclopropylmethyl-4-methoxybenzene
IMDG Code Segregation : None
Group

SECTION 15. Regulatory information

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

Water contaminating class : WGK 2 water endangering
(Germany) Number: 8
Classification according to appendix 3
ZDE_WGK Update: 2012-06-01

15.2 Chemical Safety Assessment

no data available

SECTION 16. Other information

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

R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

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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