

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Diotrol Imprenol**

Revision date: 24.10.2017

Product code: 75150

Page 1 of 8

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Diotrol Imprenol

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

Holzanstrich

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

Company name: Maurolin AG  
Street: Bodenackerstrasse 64  
Place: CH-4657 Dulliken  
Telephone: +41(0)62 285 30 70  
e-mail: info@maurolin.ch  
Internet: www.diotrol.com

Telefax: +41(0)62 285 30 80

**Supplier**

Company name: Diotrol AG  
Street: Heuriedweg 30 A  
Place: D-88131 Lindau am Bodensee  
Telephone: +49 (0)8382 88 99 310  
e-mail: info@diotrol.com  
Internet: www.diotrol.com

CH EU Toxzentrum Zürich, telefon +41 44 251 51 51

**1.4. Emergency telephone number:****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:  
Flammable liquid: Flam. Liq. 3  
Hazardous to the aquatic environment: Aquatic Chronic 3  
Hazard Statements:  
Flammable liquid and vapour.  
Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H226 Flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Diotrol Imprenol

Revision date: 24.10.2017

Product code: 75150

Page 2 of 8

P273 Avoid release to the environment.  
 P370+P378 In case of fire: Use ... to extinguish.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container to ...

### Special labelling of certain mixtures

EUH208 Contains Bis (1,2,2,6,6-pentamethyl-4-piperidiny)sebacate, (+)-1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, propiconazole, 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
41556-26-7	Bis (1,2,2,6,6-pentamethyl-4-piperidiny)sebacate	< 1 %
	255-437-1	
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410	
60207-90-1	(+)-1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, propiconazole	< 1 %
	262-104-4	
	613-205-00-0	
	Acute Tox. 4, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1; H302 H317 H400 H410	
64742-82-1	Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha	< 1 %
	265-185-4	
	Carc. 1B, Muta. 1B, STOT RE 1, Asp. Tox. 1; H350 H340 H372 H304	
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate	< 1 %
	259-627-5	
	616-212-00-7	
	Acute Tox. 3, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, STOT RE 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 1); H331 H302 H318 H317 H372 H400 H410	
22464-99-9	2-Ethylhexansäure, Zirconium salt	< 1 %
	245-018-1	
	Repr. 2; H361d	
82919-37-7	methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	< 1 %
	280-060-4	
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410	

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Diotrol Imprenol**

Revision date: 24.10.2017

Product code: 75150

Page 3 of 8

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable. Vapours can form explosive mixtures with air.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Advice on storage compatibility**

No special measures are necessary.

**7.3. Specific end use(s)**

Holzanstrich

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Diotrol Imprenol

Revision date: 24.10.2017

Product code: 75150

Page 4 of 8

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
60207-90-1	(+)-1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, propiconazole			
Consumer DNEL, long-term		dermal	systemic	12.5 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	151 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	systemic	32 mg/m <sup>3</sup>

##### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls



##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	klare bräunliche Flüssigkeit
Odour:	artspezifisch

##### Test method

pH-Value: not determined

##### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Flash point: not determined

##### Flammability

Solid: not applicable

Gas: not applicable

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Diotrol Imprenol

Revision date: 24.10.2017

Product code: 75150

Page 5 of 8

#### Explosive properties

not determined

Lower explosion limits:

not determined

Upper explosion limits:

not determined

#### Auto-ignition temperature

Solid:

not applicable

Gas:

not applicable

Decomposition temperature:

not determined

#### Oxidizing properties

Not oxidising.

Vapour pressure:

not determined

Density:

0.90 g/cm<sup>3</sup> ASTM D 1296

Water solubility:

The study does not need to be conducted because the substance is known to be insoluble in water

#### Solubility in other solvents

not determined

Partition coefficient:

not determined

Vapour density:

not determined

Evaporation rate:

not determined

#### 9.2. Other information

Solid content:

not determined

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

none

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Diotrol Imprenol

Revision date: 24.10.2017

Product code: 75150

Page 6 of 8

#### Acute toxicity

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
60207-90-1	(+) -1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, propiconazole					
	oral	LD50 mg/kg	1517	Rat	Manufacturer	
	dermal	LD50 mg/kg	>4000	Rat	Manufacturer	
55406-53-6	3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate					
	oral	LD50 mg/kg	1470	Rat	Manufacturer	
	dermal	LD50 mg/kg	>2000	Rat	Manufacturer	
	inhalative vapour	LC50 mg/l	>6.89	Rat	Manufacturer	
	inhalative aerosol	ATE	0.5 mg/l			

#### Additional information on tests

The mixture is classified as not hazardous according to Directive 1999/45/EC.

### SECTION 12: Ecological information

#### 12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
60207-90-1	(+) -1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, propiconazole					
	Acute fish toxicity	LC50	6.8 mg/l	96 h	Manufacturer	
	Acute algae toxicity	ErC50 mg/l	0.76		Manufacturer	

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Diotrol Imprenol

Revision date: 24.10.2017

Product code: 75150

Page 7 of 8

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

#### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

#### Marine transport (IMDG)

<b>14.1. UN number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

#### Air transport (ICAO-TI/IATA-DGR)

<b>14.1. UN number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No information available.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 29: Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha

2010/75/EU (VOC): 0.858 %

2004/42/EC (VOC): 78.862 %

##### National regulatory information

Water contaminating class (D): 3 - highly water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Diotrol Imprenol

Revision date: 24.10.2017

Product code: 75150

Page 8 of 8

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized 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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Aquatic Chronic 3; H412	Calculation method

#### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H340	May cause genetic defects.
H350	May cause cancer.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Bis (1,2,2,6,6-pentamethyl-4-piperidiny)sebacate, (+)-1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, propiconazole, 3-iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*