

Material Safety Data Sheet

H2577

Diotrol Plus Naturöl Lasur Fichte

Sales Switzerland:
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Construction Paints - Plastering - Façade isolation - Industrial Varnishes - Powder Paint

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 1 of 7

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

1.1. Product identifier

Diotrol Natural Oils (colourless, no Co)

Further trade names

Diotrol glaciaux huiles naturelles (incolore)

Diotrol natural oils (colorless)

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

Use of the substance/mixture

Holzbeschichtung, Peinture pour bois, Wood painting

Uses advised against

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1.3. Details of the supplier of the safety data sheet

Company name:	Maurolin AG / Diotrol AG	
Street:	Bodenackerstrasse 64	
Place:	CH- CH-4657 Dulliken	
Telephone:	+41 62 285 30 70	Telefax: +41 62 285 30 80
e-mail:	info@maurolin.ch	
Contact person:	Helmut Holzapfel	Telephone: +41 79 423 01 58
e-mail:	helmut.holzapfel@bluewin.ch	
Internet:	www.diotrol.ch	
Responsible Department:	Produktverwaltung Diotrol, Pascal Holzer, +41 62 285 3300	
	pascal.holzer@maurolin.ch	
	CH EU Toxzentrum Zürich, telefon +41 44 251 51 51	

1.4. Emergency telephone number:

Further Information

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Germ cell mutagenicity: Muta. 1B

Carcinogenicity: Carc. 1B

Hazard Statements:

May cause genetic defects.

May cause cancer.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazardous components which must be listed on the label

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha

Signal word: Danger

Pictograms:



Hazard statements

H340 May cause genetic defects.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 2 of 7

H350 May cause cancer.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P405 Store locked up.
 P501 Dispose of contents/container to .

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]			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			< 1 %
	265-150-3	649-327-00-6		
	Carc. 1B, Muta. 1B, Asp. Tox. 1; H350 H340 H304			

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. Medical treatment necessary.

After contact with skin

Wash with plenty of water. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

After contact with eyes

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Induce vomiting when the affected person is not unconscious. Medical treatment necessary.

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. alcohol resistant foam. Carbon dioxide (CO2). Atomized water.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 3 of 7

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Vapours can form explosive mixtures with air. In case of fire may be liberated:

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. 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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. 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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

Advice on storage compatibility

No special measures are necessary.

Further information on storage conditions

Vapours may form explosive mixtures with air.

7.3. Specific end use(s)

Holzbeschichtung, Peinture pour bois

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 4 of 7

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection

Wear eye/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.

Skin protection

Wear suitable protective clothing.

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:	colourless
Odour:	typical

	Test method
pH-Value:	not determined
Changes in the physical state	
Melting point:	not determined
Initial boiling point and boiling range:	> 150 °C
Flash point:	~ 63 °C
Flammability	
Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	~ 0,6 vol. %
Upper explosion limits:	~ 5,7 vol. %
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties	
Not oxidizing.	
Vapour pressure:	< 1100 hPa
Density:	~ 0,86 g/cm ³
Water solubility:	insoluble

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 5 of 7

Solubility in other solvents

not determined

Partition coefficient:

not determined

Flow time:

~ 17 4 DIN 53211

Vapour density:

not determined

Evaporation rate:

not determined

Solvent separation test:

< 3% nach RID/ADR

Solvent content:

~ 67%

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

Additional information on tests

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 6 of 7

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.

Waste disposal number of waste from residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 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

2010/75/EU (VOC): 0,14 % (1,204 g/l)

2004/42/EC (VOC): 0,14 % (1,204 g/l)

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Diotrol Natural Oils (colourless, no Co)

Print date: 15.12.2015

Product code: 75000

Page 7 of 7

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%

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.
H340 May cause genetic defects.
H350 May cause cancer.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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