



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING



#### 1.1. Product identifier

Product name : OWATROL VEGAFLOR

Product code : vgafl01.

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

Paint and varnish



#### 1.3. Details of the supplier of the safety data sheet

Registered company name : DURIEU S.A.: Siège Social.

Address : 2 bis, rue Charles de Gaulle.91070 BONDOUNFL.FRANCE.

Telephone : + 33 (0)1.60.86.48.70. Fax : + 33 (0)1.60.86.84.84.

reglementaire@durieu.com

www.durieu.com



#### 1.4. Emergency telephone number : + 33 (0)1.45.42.59.59.

Association/Organisation : CENTRE ANTIPOISON (CAPTV): [www.centres-antipoison.net](http://www.centres-antipoison.net).



#### Other emergency numbers

UNITED KINGDOM: UK National poisons emergency number: +44 (0) 870 600 6266 IRELAND, EIRE: Ireland National Poisons Information Centre: +353 (0) 1 809 2166 AUSTRALIA: Poison Information Centre: 131 126 NEW ZEALAND: Poison Information Centre: 0 800 764 766 USA: American Association of Poison Centers: +1 800 222 1222 CANADA: Ontario Poison Centre: +1 800 268 9017 ISRAEL: Israel Poison Information Center : '+972 (0)4 854 19 00

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

#### 2.2. Label elements

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Hazard statements :

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P273 Avoid release to the environment.

Precautionary statements - Disposal :

P501 Dispose of contents / container in a waste collection point.



#### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annex XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances > = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

Identification	Classification (EC) 1272/2008	Note	%
INDEX: 154 CAS: 111-90-0 EC: 203-919-7 REACH: 01-2119475105-42-XXXX  2-(2-ETHOXYETHOXY)ETHANOL	GHS07 Wng Eye Irrit. 2, H319		2.5 <= x % < 10
INDEX: 008 CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60-XXXX		[i]	2.5 <= x % < 10
(2-METHOXYMETHYLETHOXY)PROPANOL			
INDEX: 607-085-00-9 CAS: 120-51-4 EC: 204-402-9  BENZYL BENZOATE	GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Chronic 2, H411		2.5 <= x % < 10
INDEX: 199 CAS: 2634-33-5 EC: 220-120-9 REACH: 01-2120761540-60-XXXX  1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 0.05

#### Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 199 CAS: 2634-33-5 EC: 220-120-9 REACH: 01-2120761540-60-XXXX	Skin Sens. 1: H317 C>= 0.05%	oral: ATE = 597 mg/kg BW
1,2-BENZISOTHIAZOL-3(2H)-ONE		

#### Information on ingredients :

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

#### 4.1. description of first aid measures

##### In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

##### In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

##### In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

## SECTION 5 : FIREFIGHTING MEASURES

This product is not classed as flammable.

## 5.1. Extinguishing media

### Suitable methods of extinction

In the event of a fire, use :

- dry chemical agents
- carbon dioxide (CO2)
- sprayed water or water mist
- foam
- multipurpose ABC powder
- water with AFFF (Aqueous Film Forming Foam) additive

### Unsuitable methods of extinction

Direct water jet.

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

## 5.3. Advice for firefighters

No data available.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

### Fire prevention :

Prevent access by unauthorised personnel.

### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children

Store according to the legislation in force.

Stock between +5°C and +30°C in a dry, well ventilated place.

### Storage

Keep out of reach of children.

### Packaging

Always keep in packaging made of an identical material to the original.

Recommended types of packaging :

- Vats
- Jars

Suitable packaging materials :

- Plastic
- Coated steel
- Unsuitable packaging materials :
- Metal
- Steel

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

- European Union :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
34590-94-8 (2-METHOXYMETHYLETHOXY)PRO PANOL	308	50	-	-	-

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8 (2-METHOXYMETHYLETHOXY)PRO PANOL	50 ppm 308 mg/m3	-	-	-	-

### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard ISO 16321.

#### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Category :

- FFP2

Type of mask with combined filters :

Wear a half mask in accordance with standard EN140.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)
- AX (Brown)

Particle filter according to standard EN143 :

- P2 (White)

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### Physical state

Physical state :	Fluid liquid.
<b>Colour</b>	
Colour :	Milky.
<b>Odour</b>	
Odour threshold :	Not stated.
odours :	small
<b>Melting point</b>	
Melting point/melting range :	Not specified.
<b>Freezing point</b>	
Freezing point / Freezing range :	Not stated.
<b>Boiling point or initial boiling point and boiling range</b>	
Boiling point/boiling range :	Not specified.
<b>Flammability</b>	
Flammability (solid, gas) :	Not stated.
<b>Lower and upper explosion limit</b>	
Explosive properties, lower explosivity limit (%) :	Not stated.
Explosive properties, upper explosivity limit (%) :	Not stated.
<b>Flash point</b>	
Flash point interval :	Not relevant.
<b>Auto-ignition temperature</b>	
Self-ignition temperature :	Not relevant.
<b>Decomposition temperature</b>	
Decomposition point/decomposition range :	Not specified.
<b>pH</b>	
pH :	8.50 .
	Slightly basic.
pH (aqueous solution) :	Not stated.
<b>Kinematic viscosity</b>	
Viscosity :	450 mPa.s +/-100
<b>Solubility</b>	
Water solubility :	Dilutable.
Fat solubility :	Not stated.
<b>Partition coefficient n-octanol/water (log value)</b>	
Partition coefficient: n-octanol/water :	Not stated.
<b>Vapour pressure</b>	
Vapour pressure (50°C) :	Not relevant.
<b>Density and/or relative density</b>	
Density :	> 1
<b>Relative vapour density</b>	
Vapour density :	Not stated.
<b>9.2. Other information</b>	
VOC (g/l) :	130
% VOC :	<5%
<b>9.2.1. Information with regard to physical hazard classes</b>	
No data available.	
<b>9.2.2. Other safety characteristics</b>	
No data available.	

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid :

- frost

#### 10.5. Incompatible materials

No data available.

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

### SECTION 11 : TOXICOLOGICAL INFORMATION

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No data available.

##### 11.1.1. Substances

###### a) Acute toxicity :

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Oral route :

LD50 = 597 mg/kg body weight

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 > 2000 mg/kg body weight

Species : Rat

OECD Guideline 402 (Acute Dermal Toxicity)

###### b) Skin corrosion/skin irritation :

No data available.

###### c) Serious damage to eyes/eye irritation :

No data available.

###### d) Respiratory or skin sensitisation :

No data available.

###### e) Germ cell mutagenicity :

No data available.

###### f) Carcinogenicity :

No data available.

###### g) Reproductive toxicant :

No data available.

###### h) Specific target organ systemic toxicity - single exposure :

No data available.

###### i) Specific target organ systemic toxicity - repeated exposure :

No data available.

###### j) Aspiration hazard :

No data available.

##### 11.1.2. Mixture

###### a) Acute toxicity :

No data available.

###### b) Skin corrosion/skin irritation :

No data available.

###### c) Serious damage to eyes/eye irritation :

No data available.

###### d) Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

###### e) Germ cell mutagenicity :

No data available.

###### f) Carcinogenicity :

No data available.

###### g) Reproductive toxicant :

No data available.

###### h) Specific target organ systemic toxicity - single exposure :

No data available.

 **i) Specific target organ systemic toxicity - repeated exposure :**

No data available.

 **j) Aspiration hazard :**

No data available.

 **11.1.2.2 Other information**

 **11.2. Information on other hazards**

## SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

### 12.1. Toxicity

#### 12.1.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Fish toxicity : LC50 = 0.74 mg/l  
Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 2.44 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

#### 12.2.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Biodegradability : Rapidly degradable.

### 12.3. Bioaccumulative potential

#### 12.3.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Octanol/water partition coefficient : log K<sub>ow</sub> = 0.4

Bioaccumulation :

BCF = 1.4

### 12.4. Mobility in soil

Contains volatile products that will disperse in air.

Contains a solid phase.

This product is dilutable in water in all proportion.

### 12.5. Results of PBT and vPvB assessment

No data available.



### 12.6. Endocrine disrupting properties

No data available.



### 12.7. Other adverse effects

No data available.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.



#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :**

- 15 01 10 \* packaging containing residues of or contaminated by dangerous substances
- 08 01 11 \* waste paint and varnish containing organic solvents or other dangerous substances

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

### 14.1. UN number or ID number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Maritime transport in bulk according to IMO instruments

## SECTION 15 : REGULATORY INFORMATION

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

#### Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

#### Container information:

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

#### Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :

The permitted European level of VOC in this ready-to-use product is limited to 130 g/l.

The permitted European level of VOC in the ready-to-use product (category IIa) is 140 g/l maximum (2007/2010).

#### Particular provisions :

No data available.

#### Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):

The mixture does not contain a persistent organic pollutant.

### 15.2. Chemical safety assessment

No data available.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Wording of the phrases mentioned in section 3 :

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

#### Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.  
EC50 : The effective concentration of substance that causes 50% of the maximum response.  
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.  
ATE : Acute Toxicity Estimate  
BW : Body Weight  
STEL : Short-term exposure limit  
TWA : Moyenne pondérée dans le temps  
TLV : Threshold Limit Value (exposure)  
AEV : Average Exposure Value.  
ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefahrdungsklasse (Water Hazard Class).  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.