

OWATROL SEMI-TRANSPARENT - scsun01



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 SEMI-TRANSPARENT
Product code : scsun01.

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

Solid Finish for exterior wood

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.BONDOUFLE.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 : INRS / ORFILA 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 8379964 AUSTRALIA: Poison Information Centre: 131 126 NEW ZEALAND: Poison Information
Centre 0 800 764 766:

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 3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC). May produce an allergic reaction.
EUH208 Contains REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND
2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). 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 :

P260 Do not breathe vapours.

P262 Do not get in eyes, on skin, or on clothing.

P273 Avoid release to the environment.

Precautionary statements - Response :

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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) $\geq$ 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 annexe XIII of the REACH regulations EC 1907/2006.

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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: PCP186 CAS: 64742-48-9 EC: 918-481-9 REACH: 01-2119457273-39-XXXX HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS	GHS08 Dgr Asp. Tox. 1, H304 Asp. Tox. 1, H304 066		2.5 <= x % < 10
INDEX: PCP226 CAS: 57-55-6 EC: 200-338-0 REACH: 01-2119456809-23-XXXX PROPANE-1,2-DIOL		[i]	0.1 <= x % < 1
INDEX: 061 CAS: 55406-53-6 EC: 259-627-5 REACH: 01-2120762115-60-XXXX 3-iodo-2-propynyl butylcarbamate (IPBC)	GHS06, GHS05, GHS09, GHS08 Dgr Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT RE 1, H372 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1		0.1 <= x % < 0.05
INDEX: 603-053-00-3 CAS: 107-41-5 EC: 203-489-0 REACH: 01-2119539582-35 2-METHYLPENTANE-2,4-DIOL	GHS07 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315	[i]	0 <= x % < 0.05
INDEX: 613-167-00-5 CAS: 55965-84-9 REACH: 01-2120764691-48-XXXX REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	GHS06, GHS05, GHS09 Dgr Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 100 Aquatic Chronic 1, H410 M Chronic = 100 Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 M Acute = 100 Aquatic Chronic 1, H410 M Chronic = 100 071	B	0 <= x % < 0.05
INDEX: 350 CAS: 128-37-0 EC: 204-881-4 REACH: 01-2119565113-46-XXXX 2,6-DI-TERT-BUTYL-P-CRESOL	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[i]	0 <= x % < 0.05

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Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: PCP226 CAS: 57-55-6 EC: 200-338-0 REACH: 01-2119456809-23-XXXX PROPANE-1,2-DIOL		oral: ATE = 22000 mg/kg BW
INDEX: 061 CAS: 55406-53-6 EC: 259-627-5 REACH: 01-2120762115-60-XXXX 3-iodo-2-propynyl butylcarbamate (IPBC)		oral: ATE = 1056 mg/kg BW
INDEX: 603-053-00-3 CAS: 107-41-5 EC: 203-489-0 REACH: 01-2119539582-35 2-METHYLPENTANE-2,4-DIOL	Skin Irrit. 2: H315 >=10%	
INDEX: 613-167-00-5 CAS: 55965-84-9 REACH: 01-2120764691-48-XXXX REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	Skin Corr. 1C: H314 C>= 0.6% Skin Irrit. 2: H315 0.06% <= C < 0.6% Eye Dam. 1: H318 C>= 0.6% Eye Irrit. 2: H319 0.06% <= C < 0.6% Skin Sens. 1A: H317 C>= 0.0015%	

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 eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

In the event of splashes or contact with skin :

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

In the event of swallowing :

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show 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 :

- sprayed water or water mist

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

Unsuitable methods of extinction

In the event of a fire, do not use :
Direct water jets

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.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention :

Handle in well-ventilated areas.

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.

Packages which have been opened must be reclosed carefully and stored in an upright position.

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

No data available.

Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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Packaging

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

Recommended types of packaging :

- Vats
- Buckets
- Drums

Suitable packaging materials :

- Coated steel

Unsuitable packaging materials :

- Metal
- Steel
- Iron

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
107-41-5			25	125		84
128-37-0		10				

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
57-55-6	10 mg/m3				
107-41-5	25 ppm 123 mg/m3	25 ppm 123 mg/m3			
128-37-0	10 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 EN166.

- 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)
- PVA (Polyvinyl alcohol)
- 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

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149/A1.

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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.

Colour

Unspecified

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not relevant.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not relevant.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) Not stated.

:

Explosive properties, upper explosivity limit (%) Not stated.

:

Flash point

Flash point interval : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not relevant.

Decomposition temperature

Decomposition point/decomposition range : Not relevant.

pH

pH (aqueous solution) : Not stated.

pH : 8.50 .
Slightly basic.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Dilutable.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Not relevant.

Density and/or relative density

Density : > 1

Relative vapour density

Vapour density : Not stated.

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Particle characteristics

The mixture does not contain nanoforms.

9.2. Other information

% VOC : <11

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

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

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

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

Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances

Acute toxicity :

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6)

Oral route : LD50 = 1056 mg/kg bodyweight/day
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 > 2000 mg/kg bodyweight/day
Species : Rat
OECD Guideline 402 (Acute Dermal Toxicity)

PROPANE-1,2-DIOL (CAS: 57-55-6)

Oral route : LD50 = 22000 mg/kg bodyweight/day
Species : Rat

Dermal route : LD50 > 2000 mg/kg bodyweight/day
Species : Rabbit

Inhalation route (Dusts/mist) : LC50 > 315642 mg/l
Species : Rabbit

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

Oral route : LD50 > 5000 mg/kg bodyweight/day
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

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Dermal route : LD50 > 5000 mg/kg bodyweight/day
Species : Rabbit
OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Vapours) : LC50 > 5000 mg/l
Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)

Respiratory or skin sensitisation :

PROPANE-1,2-DIOL (CAS: 57-55-6)
Local lymph node stimulation test : Non-Sensitiser.
Species : Rabbit
OECD Guideline 406 (Skin Sensitisation)

OECD Guideline 406 (Skin Sensitisation)

OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity :

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)
No mutagenic effect.

Carcinogenicity :

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)
Carcinogenicity Test : Negative.
No carcinogenic effect.

Reproductive toxicant :

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)
No toxic effect for reproduction

OECD Guideline 414 (Prenatal Developmental Toxicity Study)

11.1.2. Mixture

Respiratory or skin sensitisation :

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

11.2. Information on other hazards

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

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

3-iodo-2-propynyl butylcarbamate (IPBC) (CAS: 55406-53-6)
Fish toxicity : LC50 = 0.067 mg/l
Species : Others
Duration of exposure : 96 h

NOEC = 0.0084 mg/l
Factor M = 1
Species : Pimephales promelas
Duration of exposure : 35 days

Crustacean toxicity : EC50 = 0.16 mg/l
Species : Daphnia magna

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Duration of exposure : 48 h

EC50 mg/l
Species : *Daphnia magna*
Duration of exposure : 21 days

Species : Others

Algae toxicity :
ECr50 = 0.022 mg/l
Species : *Scenedesmus subspicatus*
Duration of exposure : 72 h

NOEC = 0.0046 mg/l
Factor M = 1
Species : *Scenedesmus subspicatus*

PROPANE-1,2-DIOL (CAS: 57-55-6)

Fish toxicity :
LC50 = 40613 mg/l
Species : *Oncorhynchus mykiss*
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :
EC50 = 18340 mg/l
Species : *Ceriodaphnia dubia*
Duration of exposure : 48 h
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity :
ECr50 = 19000 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 96 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

Fish toxicity :
LC50 = 1000 mg/l
Species : *Oncorhynchus mykiss*
Duration of exposure : 96 h

Crustacean toxicity :
EC50 = 1000 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h

Algae toxicity :
ECr50 = 1000 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 72 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

3-iodo-2-propynyl butylcarbamate (IPBC) (CAS: 55406-53-6)

Biodegradability : Rapidly degradable.

PROPANE-1,2-DIOL (CAS: 57-55-6)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

Biodegradability : Rapidly degradable.

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12.3. Bioaccumulative potential

12.3.1. Substances

3-iodo-2-propynyl butylcarbamate (IPBC) (CAS: 55406-53-6)
Octanol/water partition coefficient : log K_{ow} = 2.81

12.4. Mobility in soil

No data available.

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:

No data available.

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Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

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>.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

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 129 g/l.

The permitted European levels of VOC in the ready-to-use product (category II Ae) are 150 g/l maximum in 2007 and 130 g/l maximum in 2010.

Particular provisions :

No data available.

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 :

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
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.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.

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.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

NOEC : The concentration with no observed effect.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

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

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RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.