

# 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 TEXTROL HES

Product code: texthes01.

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

Wood finish.



### 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.

Repeated exposure may cause skin dryness or cracking (EUH066).

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.

Hazard statements :

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

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 dust 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) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 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.

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 :

(EC) 1272/2008	Note	%
GHS08		10 <= x % < 25
Dgr		
Asp. Tox. 1, H304 EUH:066		
GHS08		2.5 <= x % < 10
		2.0 % %
EUH:066		
011000 011005 011000 011000		0.4
		0.1 <= x % < 1
·		
M Chronic = 1		
GHS07	[1]	0.1 <= x % < 0.5
Wng		
Eye Irrit. 2, H319		
Skin Irrit. 2, H315		
GHS02, GHS07	[1]	0 <= x % < 0.05
Wng		
Flam. Liq. 3, H226		
STOT SE 3, H336		
EUH:066		
GHS09	[1]	0 <= x % < 0.05
Wng		
Aquatic Acute 1, H400		
M Acute = 1		
Aquatic Chronic 1, H410		
M Chronic = 1		
GHS08, GHS05, GHS07	[1]	0 <= x % < 0.01
Dgr		
Acute Tox. 4, H302		
STOT SE 3, H335		
Skin Irrit. 2, H315		
Eye Dam. 1, H318 Resp. Sens. 1, H334		
	GHS08 Dgr Asp. Tox. 1, H304 EUH:066  GHS08 Dgr Asp. Tox. 1, H304 EUH:066  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  GHS07 Wng Eye Irrit. 2, H315  GHS02, GHS07 Wng Flam. Liq. 3, H226 STOT SE 3, H336 EUH:066  GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1  GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1  GHS08, GHS05, GHS07 Dgr Acute Tox. 4, H302	GHS08 Dgr Asp. Tox. 1, H304 EUH:066  GHS08 Dgr Asp. Tox. 1, H304 EUH:066  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  GHS07 Wng Eye Irrit. 2, H315  GHS02, GHS07 Wng Flam. Liq. 3, H226 STOT SE 3, H336 EUH:066  GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1  GHS09 CHS09 CHS08 CHS09 CHS08 CHS09 CHS09 CHS09 CHS09 CHS09 CHS09 CHS08 CHS09 CHS08 CHS09 CHS09 CHS08 C



Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 061		oral: ATE = 1056 mg/kg BW
CAS: 55406-53-6		
EC: 259-627-5		
REACH: 01-2120762115-60-XXXX		
3-IODO-2-PROPYNYL		
BUTYLCARBAMATE (IPBC)		
INDEX: 603-053-00-3	Skin Irrit. 2: H315 >=10%	
CAS: 107-41-5	Eye Irrit. 2: H319 C>= 10%	
EC: 203-489-0		
REACH: 01-2119539582-35		
2-METHYLPENTANE-2,4-DIOL		



## Information on ingredients:

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

[1] 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:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

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

If the contaminated aera is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

### 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
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)
- water with AFFF (Aqueous Film Forming Foam) additive

CO2, extinguishing powder or pulverized water.

### 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 non first aid worker

Avoid any contact with the skin and eyes.

#### 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

Keep only in the original container

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

### 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.

# **Packaging**

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

Recommended types of packaging:

- Vats
- Buckets

Suitable packaging materials :

- Coated 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 (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE):

CAS	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
23-86-4	241	50	723	150	

- 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	
123-86-4	50	241	150	723	-	84	
128-37-0	-	10	-	-	-	-	
85-44-9	-	-	-	6	ALL	66.66 Bis	

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

CAS	TWA:	STEL:	Ceiling:	Definition :	Criteria :	
107-41-5	25 ppm	25 ppm				
	123 mg/m³	123 mg/m³				
123-86-4	150 ppm	200 ppm				
	724 mg/m³	966 mg/m³				
128-37-0	10 mg/m³					
85-44-9	4 mg/m³	12 mg/m³		Sen		

### 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:

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

Permeability time: >480 min for a thickness >0.45 mm

CEN recommendations: EN 420 and EN 374/3



### - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact. 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)

CEN recommendations: EN 136, EN 140, EN 405 for masks and EN 143, EN 149 for filters.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

# 9.1. Information on basic physical and chemical properties

Physical state	Fluid Banda
Physical state :	Fluid liquid.
Colour	
Colour :	Depend on tones
Odour	
Odour threshold :	Not stated.
Melting point	
Melting point/melting range :	Not specified.
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	<u>'</u>
Flash Point Interval :	60°C < FP <= 93°C
Auto-ignition temperature	
Self-ignition temperature :	Not relevant.
Decomposition temperature	, rectification
Decomposition point/decomposition range :	Not relevant.
pH	Not relevant.
	Not atotad
pH (aqueous solution) : pH :	Not stated.  Not relevant.
Kinematic viscosity	Not relevant.
	12 20 Fmm2/2 (40°C)
/iscosity:	v>20.5mm²/s (40°C)  Method for determining the viscosity:
	ISO 3104 (Petroleum products - Transparent and opaque liquids -
	Determination of kinematic viscosity and calculation of dynamic
	viscosity).
Solubility	
Vater solubility :	Insoluble.
at solubility:	Not stated.
Partition coefficient n-octanol/water (log value)	, rev etateur
Partition coefficient: n-octanol/water:	Not stated.
Vapour pressure	not stated.
	Not relevant
/apour pressure (50°C) :	Not relevant.
Density and/or relative density	0.07
Density:	0.97
Relative vapour density	
/apour density :	Not stated.
9.2. Other information	
VOC (g/l):	310

# 9.2.1. Information with regard to physical hazard classes

No data available.

% VOC:

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

32%

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

No data available.

#### 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

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

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

Species: Rat

OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 2000 mg/kg

Species : Rat

OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

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

Oral route : LD50 > 5000 mg/kg

Species: Rat

OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route: LD50 > 5000 mg/kg

Species: Rabbit

OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

Inhalation route (Vapours): LC50 > 5000 mg/l

Species : Rat

OCDE Ligne directrice 403 (Toxicité aiguë par inhalation)

# $\langle \rangle$

### 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

OCDE Ligne directrice 414 (Étude de la toxicité pour le développement

prénatal)

# 11.1.2. Mixture

### Respiratory or skin sensitisation:



## 11.2. Information on other hazards

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

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

CAS 128-37-0: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans. CAS 9002-88-4: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans. CAS 7631-86-9: 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

Insufficient data



### 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 jours

Crustacean toxicity: EC50 = 0.16 mg/l

Species : Daphnia magna Duration of exposure : 48 h

EC50 mg/l

Species : Daphnia magna Duration of exposure : 21 jours

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

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

Insufficient data.



### 12.2.1. Substances

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6)
Biodegradability: Rapidly degradable.

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

## 12.3. Bioaccumulative potential

#### 12.3.1. Substances

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6) Octanol/water partition coefficient: log Koe = 2.81

# 12.4. Mobility in soil

Contains volatile products that will disperse in air.

Contains a solid phase.

#### 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, preferably 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 310 g/l.

The permitted European levels of VOC in the ready-to-use product (category IIAe) are 500 g/l maximum in 2007 and 400 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:

Working of the phraece mentioned in cocken of		
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
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.	



### Abbreviations:

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

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.