



## SEMPRA XL

Preparation Date 17-Jan-2014

Revision date 18-Feb-2016

Revision Number: 1

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Identification of the product

Product code HCO04  
Product Description: SEMPRA XL  
Synonyms -  
Pure substance/preparation Preparation

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Herbicide

#### 1.3 Details of the Supplier of the Safety Data Sheet

Supplier UPL Europe Ltd  
The Centre  
Birchwood Park  
Warrington  
WA3 6YNCheshire  
UK  
Tel. : +44 (0) 1925 819999  
Fax : +44 (0) 1925 856075  
E-mail address info@uniphos.com

#### 1.4 Emergency Telephone Number

Emergency telephone number **(CARECHEM 24): +44 (0) 1235 239670**

United Kingdom NHS no. 111

## 2. Hazards Identification

### 2.1 Classification of the mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute aquatic toxicity                      Category 1 - H400  
Chronic aquatic toxicity                    Category 1 - H410

For the full text of the H-Statements mentioned in this Section, see Section 16

### 2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]



signal word

**WARNING**

hazard statements

H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P501 - Dispose of contents/ container in accordance with national regulation

EU Specific Hazard Statements

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

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

### 2.3 Other Hazards

No information available

## 3. Composition/information on Ingredients

### 3.2. MIXTURES

Chemical name	EC No	CAS-No	Weight %	Classification (Dir.67/548)	EU - GHS Substance Classification	REACH No.
diflufenican (ISO)	-	83164-33-4	40 - 50	-	Aquatic Chronic 3 (H412)	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16

## 4. First aid measures

### 4.1 Description of first-aid measures

<b>General advice</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
<b>Eye contact</b>	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists, consult a specialist
<b>Skin contact</b>	Remove contaminated clothing and shoes Wash skin with soap and water Seek medical attention if skin irritation, swelling or redness develops and persists.
<b>Ingestion</b>	Rinse mouth with water Call a POISON CENTER or doctor if you feel unwell
<b>Inhalation</b>	Move to fresh air Call a POISON CENTER or doctor if you feel unwell

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Substance may cause slight skin irritation  
May cause slight eye irritation

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

Treat symptomatically.

## 5. Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Water spray Foam Carbon dioxide (CO <sub>2</sub> ) Dry powder
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire

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

**Special Hazard** Burning produces obnoxious and toxic fumes: Carbon oxides, Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for Firefighters

Wear self-contained breathing apparatus and protective suit  
This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

## 6. Accidental release measures

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

Evacuate personnel to safe areas  
Avoid contact with the skin and the eyes  
Use personal protective equipment

### 6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so  
Do not allow material to contaminate ground water system  
Do not flush into surface water or sanitary sewer system  
Local authorities should be advised if significant spillages cannot be contained

### 6.3 Methods and materials for containment and cleaning up

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

## 7. Handling and Storage

### 7.1 Precautions for Safe Handling

#### **Handling**

Provide adequate ventilation  
Ensure that eyewash stations and safety showers are close to the workstation location

#### **Hygiene Measures**

Use only outdoors or in a well-ventilated area

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

Keep out of the reach of children  
Keep away from food, drink and animal feeding stuffs  
Store in original packagings.  
Keep containers tightly closed in a dry, cool and well-ventilated place

### 7.3 Specific end uses

No information available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control Parameters

**Exposure Limits** Apply technical measures to comply with the occupational exposure limits  
[http://limitvalue.ifa.dgouv.de/Webform\\_gw.aspx](http://limitvalue.ifa.dgouv.de/Webform_gw.aspx)

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

### 8.2 Exposure Controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas  
 Do not breathe spray mist.  
 Wash hands before breaks and immediately after handling the product  
 When using do not eat, drink or smoke

#### **Personal Protective Equipment**

<b>Eye protection</b>	Safety glasses with side-shields.
<b>Skin protection</b>	Long sleeved clothing.
<b>Hand protection</b>	Protective gloves. e.g. Nitrile rubber. Butyl rubber.
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

**Environmental exposure controls** No information available

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**appearance** No information available  
**Physical state** liquid  
 suspension concentrate (SC)  
**Odor** No information available

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
<b>pH</b>	No information available	
<b>Melting point/freezing point</b>	No information available	
<b>Boiling Point/Range</b>	No information available	
<b>Flash Point</b>		
<b>flammability (solid, gas)</b>	Not applied	
<b>Relative Density</b>	1.190 (±0.02) (g/cm <sup>3</sup> )	
<b>Water solubility</b>	Soluble in water	
<b>Solubility in Other Solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>decomposition temperature</b>	No information available	
<b>viscosity</b>	No information available	
<b>Oxidizing properties</b>	No information available	
<b>Explosive properties</b>	No information available	

### 9.2 OTHER INFORMATION

**VOC Content** No information available

## 10. Stability and Reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition

Avoid: sunlight, and, Frost

### 10.5 Incompatible Materials

Acids

Oxidizing agents.

### 10.6 Hazardous Decomposition Products

Decomposition in fire by developing toxic gases. The health risks by inhaled vapors or fumes of the fire may appear much later

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Oxides of sulfur

## 11. Toxicological Information

### 11.1 Information on Toxicological Effects

#### Acute toxicity

##### Local effects

Inhalation

No known effect.

Eye contact

May cause irritation.

Skin contact

May cause irritation.

Ingestion

Gastrointestinal discomfort.

LD50 Oral

> 2000 mg/kg (rat and rabbits) (a.s.)

#### Chronic toxicity

Skin Corrosion/Irritation

No information available.

sensitization

No information available.

Carcinogenic effects

No information available

Mutagenic effects

No information available

Reproductive effects

No information available

STOT - Single Exposure

No information available.

STOT - repeated exposure

No information available.

Other adverse effects

Contains benzisothiazolinone (BIT). May produce an allergic reaction.

## 12. Ecological Information

### 12.1 Toxicity

No information available

### 12.2 Persistence and Degradability

No information available

### 12.3 Bioaccumulative Potential

No information available

### 12.4 Mobility in Soil

No information available.

### 12.5 Results of PBT and vPvB Assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

### 12.6 Other Adverse Effects

Very toxic to aquatic life with long lasting effects.

## 13. Disposal Considerations

### 13.1 Waste Treatment Methods

<b>Waste from Residues / Unused Products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.
<b>EWC waste disposal No</b>	020108 - agrochemical waste containing dangerous substances.
<b>OTHER INFORMATION</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

## 14. Transport Information

### ADR/RID

<b>14.1 UN-No</b>	UN3082
<b>14.2 Proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. ( Diflufenican )
<b>14.3 Hazard class</b>	9
<b>14.4 Packing group</b>	III
<b>14.5 Environmental Hazard</b>	Yes
<b>14.6 Special Provisions</b>	274, 335, 375, 601
Tunnel restriction code	(E)

### IMDG/IMO

<b>14.1 UN-No</b>	UN3082
<b>14.2 Proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s ( Diflufenican )
<b>14.3 Hazard class</b>	9
<b>14.4 Packing group</b>	III
<b>14.5 Environmental Hazard</b>	Marine pollutant
<b>14.6 Special Provisions</b>	274, 335, 969

### IATA/ICAO

<b>14.1 UN-No</b>	UN3082
<b>14.2 Proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s ( Diflufenican )
<b>14.3 Hazard class</b>	9
<b>14.4 Packing group</b>	III
<b>14.5 Environmental Hazard</b>	Yes
<b>14.6 Special Provisions</b>	A97, A158, A197



## 15. Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

- To avoid risks to man and the environment, comply with the instructions for use

#### International Inventories

<b>TSCA</b>	Complies
<b>EINECS/ ELINCS</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Complies
<b>China</b>	-
<b>AICS</b>	Complies
<b>KECL</b>	Complies

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

## 16. Other Information

#### **Full text of H-Statements referred to under sections 2 and 3**

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

**Revision date** 18-Feb-2016

**Revision note** Not applicable

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### **Disclaimer**

The information contained is based on our knowledge of the product at the date of publishing.

It applies to the PRODUCT AS SUCH. In case of formulation or mixture, make sure that a new danger will not appear.

Users are advised of possible additional hazards when the product is used in applications for which it was not intended.

This sheet shall only be used and duplicated for prevention and Safety purposes.

For rates and use recommendations, refer to the information displayed on the packaging.

It is the responsibility of the handlers of the product to pass on this safety data sheet to any subsequent persons who will come into contact with the product.

**End of Safety Data Sheet**