

## CORZAL

Preparation Date 01-Mar-2013

Revision date 18-Nov-2015

Revision Number: 3

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

#### **1.1 Identification of the product**

Product code HBP05  
Product Description: CORZAL  
Synonyms PHENMEDIPHAM 157 G/L SE  
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.uk@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]

##### Human Health

Serious Eye Damage/Irritation                      Category 2 - H319

##### Environment

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

H319 - Causes serious eye irritation

H410 - Very toxic to aquatic life with long lasting effects

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

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P337 + P313 - If eye irritation persists: Get medical advice/attention

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

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P391 - Collect spillage

##### EU Specific Hazard Statements

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.
Phenmedipham	237-199-0	13684-63-4	10 - 20	-	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	no data available
Alkyaryl sulphonate	247-556-2	26264-05-1	1 - 5	-	Skin Irrit. 2; H315 Eye Irrit. 2; H319	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>	Wash off immediately with plenty of water If symptoms persist, call a physician
<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

No information available

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

Treat symptomatically.

## 5. Fire-fighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Dry chemical

**Unsuitable extinguishing media** 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  
Runoff may pollute waterways

### 5.3 Advice for Firefighters

Wear self-contained breathing apparatus and protective suit

## 6. Accidental release measures

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

Evacuate personnel to safe areas

### 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

### 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  
Wear personal protective equipment  
Ensure that eyewash stations and safety showers are close to the workstation location

#### **Hygiene Measures**

Use only outdoors or in a well-ventilated area  
Wash hands after handling

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

Keep only in the original container/package in a cool well-ventilated place  
Keep out of the reach of children

### 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

**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

#### **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.
<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

<b>appearance</b>	white
<b>Physical state</b>	liquid
<b>Odor</b>	Mild chemical

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
<b>pH</b>	3.63	(1% solution)
<b>Melting point/freezing point</b>	No information available	
<b>Boiling Point/Range</b>	No information available	
<b>Flash Point</b>	> 70 °C	
<b>flammability (solid, gas)</b>	No information available	
<b>Surface tension</b>	33 mN/m	25°C
<b>Relative Density</b>	1.03	
<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>	79 mPas	40 °C Dynamic viscosity
<b>Oxidizing properties</b>	Non oxidizing	
<b>Explosive properties</b>	No	

### 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

No information available.

### 10.4 Conditions to avoid

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

### 10.5 Incompatible Materials

Strong oxidizing agents  
Strong acids

### 10.6 Hazardous Decomposition Products

Burning produces obnoxious and toxic fumes

## 11. Toxicological Information

### 11.1 Information on Toxicological Effects

#### Acute toxicity

##### Local effects

Inhalation

There is no data available for this product.

Eye contact

Irritating to eyes.

Skin contact

No skin irritation.

Ingestion

There is no data available for this product.

LD50 Oral

> 2000 mg/kg

LD50 Dermal

> 4000 mg/kg

#### Chronic toxicity

Skin Corrosion/Irritation

No information available.

corrosivity

No information available.

sensitization

No information available.

repeated dose toxicity

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.

## 12. Ecological Information

### 12.1 Toxicity

EC50/72h/algae = 0.589 mg/L  
EC50/48h/daphnia = 0.94 mg/L  
LC50/fish/96 h = >72 mg/L

### 12.2 Persistence and Degradability

No information available

### 12.3 Bioaccumulative Potential

No information available

Chemical name	Log Pow
Phenmedipham	3.59

### 12.4 Mobility in Soil

No information available.

### 12.5 Results of PBT and vPvB Assessment

No information available

### 12.6 Other Adverse Effects

No information available.

## 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**

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

**IMDG/IMO**

14.1 UN-No	UN3082
14.2 Proper shipping name	Environmentally hazardous substance, liquid, n.o.s Phenmedipham
14.3 Hazard class	9
14.4 Packing group	III
14.5 Environmental Hazard	Marine Pollutant
14.6 Special Provisions	274, 335, 969

**IATA/ICAO**

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

## 15. Regulatory Information

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

Registration n° MAPP 14192

- 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**

H319 - Causes serious eye irritation

H315 - Causes skin irritation

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

**Revision date** 18-Nov-2015

**Revision note** Update section 2

**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**