

## Quidam

Preparation Date 08-Apr-2016

Revision date 08-Apr-2016

Revision Number: 1

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

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

**Product code** HCM02  
**Product Description:** Quidam  
**Synonyms** Prosulfocarb 800 g/l EC  
**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

Aspiration toxicity	Category 1 - H304
Skin Corrosion/Irritation	Category 2 - H315
Serious Eye Damage/Irritation	Category 2 - H319
Skin sensitization	Category 1 - H317

##### Environment

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

**DANGER**

##### hazard statements

- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H410 - Very toxic to aquatic life with long lasting effects

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

- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 - Wash hands thoroughly after handling
- P272 - Contaminated work clothing must not be allowed out of the workplace
- P280 - Wear protective gloves/eye protection/face protection
- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P331 - Do NOT induce vomiting
- P332 + P313 - If skin irritation occurs: Get medical advice/attention
- P337 + P313 - If eye irritation persists: Get medical advice/attention
- P362 - Take off contaminated clothing and wash before reuse
- P391 - Collect spillage
- P501 - Dispose of contents/ container in accordance with national regulation

##### 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.
Prosulfocarb	401-730-6	52888-80-9	70 - 80	-	Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	no data available
Hydrocarbons, C9, aromatics	-	64742-95-6	10 - 20	-	Flammable liquids 3 (H226) STOT SE 3 (H335) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) (EUH066)	01-2119455851-35-XXXX
calcium dodecylbenzene sulfonate	Present	26264-06-2	1 - 5	-	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	no data available
Isobutyl alcohol	Present	78-83-1	1 - 5	-	Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) STOT SE 3 (H335) STOT SE 3 (H336) Eye Dam. 1 (H318)	01-2119484609-23-XXXX

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 Seek immediate medical attention/advice
<b>Skin contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes If symptoms persist, call a physician
<b>Ingestion</b>	If accidentally swallowed obtain immediate medical attention Do NOT induce vomiting Rinse mouth Drink plenty of water
<b>Inhalation</b>	Move to fresh air Call a physician or poison control center immediately

### 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

<b>Suitable extinguishing media</b>	Water spray, fog or alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Foam Dry powder
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire High volume water jet

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

<b>Special Hazard</b>	Burning produces obnoxious and toxic fumes: Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ) Oxides of sulfur
-----------------------	---

### 5.3 Advice for Firefighters

Wear self-contained breathing apparatus and protective suit  
Avoid runoff to waterways and sewers

## 6. Accidental release measures

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

Evacuate personnel to safe areas  
Wear protective gloves/protective clothing and eye/face protection  
Avoid contact with skin, eyes and inhalation of vapors

### 6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so  
Prevent product from entering drains  
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  
Wear personal protective equipment  
Avoid contact with skin, eyes and clothing

#### **Hygiene Measures**

Use only outdoors or in a well-ventilated area  
Remove contaminated clothing and protective equipment before entering eating areas

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

Keep only in the original container/package in a cool well-ventilated place  
Keep in a dry place  
Avoid extreme high or low temperatures.  
Keep away from heat and sources of ignition

### 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.dguv.de/Webform\\_gw.aspx](http://limitvalue.ifa.dguv.de/Webform_gw.aspx)

Chemical name	Eu	United Kingdom	France	Spain	Germany
Isobutyl alcohol		STEL: 75 ppm STEL: 231 mg/m <sup>3</sup> TWA: 50 ppm TWA: 154 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 150 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 154 mg/m <sup>3</sup>	MAK: 100 ppm MAK: 310 mg/m <sup>3</sup> Ceiling / Peak: 100 ppm Ceiling / Peak: 310 mg/m <sup>3</sup> TWA: 100 ppm TWA: 310 mg/m <sup>3</sup>
Component	Italy	Portugal	Netherlands	Finland	Denmark
Isobutyl alcohol 78-83-1 ( 1 - 5 )		TWA: 50 ppm		STEL: 75 ppm STEL: 230 mg/m <sup>3</sup>	Ceiling: 50 ppm Ceiling: 150 mg/m <sup>3</sup> Skin
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Isobutyl alcohol	STEL 200 ppm STEL 600 mg/m <sup>3</sup> TWA: 50 ppm TWA: 150 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 150 mg/m <sup>3</sup> TWA: 50 ppm TWA: 150 mg/m <sup>3</sup>	STEL: 200 mg/m <sup>3</sup> TWA: 100 mg/m <sup>3</sup>	Skin Ceiling: 25 ppm Ceiling: 75 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 150 mg/m <sup>3</sup> STEL: 75 ppm STEL: 225 mg/m <sup>3</sup>

**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

##### Eye protection

Safety glasses with side-shields.

##### Skin protection

Long sleeved clothing.

##### Hand protection

Nitrile rubber.

##### Respiratory protection

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	Light yellow
Physical state	Liquid, Emulsifiable concentrate (EC)
Odor	unpleasant, Organic

Property	VALUES	Remarks/ Method
pH	5 - 6	(1% aq)
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	65 °C	EEC A.9
flammability (solid, gas)	No information available	
Relative Density	1.019	EEC A3
Solubility in Other Solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature		
decomposition temperature	No information available	
viscosity		
Oxidizing properties	No information available	
Explosive properties	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

No information available.

### 10.4 Conditions to avoid

Extremes of temperature and direct sunlight  
Keep away from heat, sparks and open flame. - No smoking

### 10.5 Incompatible Materials

Acids  
Strong bases  
Oxidizing agents.

### 10.6 Hazardous Decomposition Products

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**

There is no data available for this product.

**Eye contact**

There is no data available for this product.

**Skin contact**

There is no data available for this product.

**Ingestion**

There is no data available for this product.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
calcium dodecylbenzene sulfonate 26264-06-2	= 4 g/kg ( Rat )		
Prosulfocarb 52888-80-9			> 4700 mg/m <sup>3</sup> ( Rat ) 4 h
Hydrocarbons, C9, aromatics 64742-95-6		> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h = 3400 ppm ( Rat ) 4 h
Isobutyl alcohol 78-83-1	= 2460 mg/kg ( Rat )	= 3400 mg/kg ( Rabbit )	> 6.5 mg/L ( Rat ) 4 h

#### 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.

Chemical name	EU Annex I Carcinogen Information	UK
Hydrocarbons, C9, aromatics	1B	



## 12. Ecological Information

### 12.1 Toxicity

Chemical name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Prosulfocarb	EC50 (96 h) for <i>Scenedesmus subspicatus</i> 0.11 mg/l	LC50 (96 h) for bluegill sunfish 4.2, rainbow trout 1.7 mg/l		Daphnia LC50 (48 h) 0.5 mg/l
Hydrocarbons, C9, aromatics		LC50 96 h: = 9.22 mg/L ( <i>Oncorhynchus mykiss</i> )		EC50 48 h: = 6.14 mg/L ( <i>Daphnia magna</i> )
calcium dodecylbenzene sulfonate		LC50 96 h: = 10.8 mg/L static ( <i>Oncorhynchus mykiss</i> )		
Isobutyl alcohol	EC50 48 h: = 230 mg/L ( <i>Desmodesmus subspicatus</i> )	LC50 96 h: 1370 - 1670 mg/L flow-through ( <i>Pimephales promelas</i> ) LC50 96 h: = 375 mg/L static ( <i>Pimephales promelas</i> ) LC50 96 h: 1480 - 1730 mg/L flow-through ( <i>Lepomis macrochirus</i> ) LC50 96 h: 1120 - 1520 mg/L flow-through ( <i>Oncorhynchus mykiss</i> )		EC50 48 h: = 1300 mg/L ( <i>Daphnia magna</i> ) EC50 48 h: 1070 - 1933 mg/L Static ( <i>Daphnia magna</i> )

### 12.2 Persistence and Degradability

No information available

### 12.3 Bioaccumulative Potential

No information available

Chemical name	Log Pow
Isobutyl alcohol	0.79

### 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 ( Prosulfocarb )
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. ( Prosulfocarb )
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 ( Prosulfocarb )
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

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

#### International Inventories

TSCA	Complies
EINECS/ ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
China	Complies
AICS	Complies
KECL	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  
 IECS - 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**

H226 - Flammable liquid and vapor  
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  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects

**Revision date** 08-Apr-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**