Safety Data Sheet

CARECA

Preparation Date 25-Mar-2014 **Revision date** 18-Sep-2017 **Revision Number:** 4

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

1.1 Identification of the product

Product code HCE02

Product Description: CARECA

Synonyms PROPYZAMIDE 500 G/L SC

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 6YN Cheshire
UK

Telephone +44 (0) 1925 819999
Telefax +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
Carcinogenicity Category 2 - H351

Environment
Chronic aquatic toxicity Category 2 - H411

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
H351 - Suspected of causing cancer
H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)
P201 - Obtain special instructions before use
P273 - Avoid release to the environment
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P391 - Collect spillage
P501 - Dispose of contents/ container in accordance with national regulation

EU Specific Hazard Statements
EUH208 - Contains (1,2-Benzisothiazolin-3-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.
3,5-Dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide	245-951-4	23950-58-5	40 - 50	-	Carc. 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	no data available
Polyethoxylated polyarylphenol	-	99734-09-5	1 - 5	-	Aquatic Chronic 3 (H412)	no data available
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	< 1	-	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	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

General advice In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
If symptoms persist, call a physician

Ingestion Rinse mouth
Call a POISON CENTER or doctor/physician if exposed or you feel unwell

Inhalation Move to fresh air
If symptoms persist, call a physician

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No information available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray
Carbon dioxide (CO2)
Dry chemical
Aquatic
Foam

Unsuitable extinguishing media No information available

5.2 Special hazards arising from the substance or mixture

Special Hazard

Thermal decomposition can lead to release of irritating gases and vapors
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
Avoid contact with skin and eyes
Wear protective gloves/protective clothing and eye/face protection
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
Keep material out of lakes, streams, ponds and sewer drains. Dike to confine spill and absorb with an absorbant such as clay, sand or soil.

6.3 Methods and material 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
During fumigation/spraying, wear suitable respiratory equipment
Avoid contact with skin, eyes and clothing
Wear protective gloves/protective clothing and eye/face protection

Hygiene Measures
Use only outdoors or in a well-ventilated area
Wash hands thoroughly after handling
Remove and wash contaminated clothing before re-use

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and 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

Eye protection	Safety glasses with side-shields.
Skin protection	Long sleeved clothing.
Hand protection	Protective gloves.
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	Creamy / grey
Physical state	Liquid suspension concentrate (SC)
Odor	Mild chemical

Property	VALUES	Remarks/ Method
pH	= 7.98	
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	> 76 °C	
Flammability (solid, gas)	Not required	
Surface tension	46 mN/m	
Relative Density	1.2	
Water solubility	Miscible with water	
Solubility in Other Solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity	108-168 mPas	
Oxidizing properties	The substance or mixture is not classified as oxidizing.	
Explosive properties	According to the chemical structure no explosion reaction is expected	

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

No materials to be especially mentioned

10.6 Hazardous Decomposition Products

No information available

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
3,5-Dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide 23950-58-5	> 5000 mg/kg	> 2000 mg/kg	> 2.1 mg/L (air)

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.

12. Ecological Information

12.1 Toxicity

EC50/72h/algae = 3.17 mg/L
EC50/48h/daphnia = > 174 mg/L
LC50/fish/96 h = >220 mg a.s./L

12.2 Persistence and Degradability

No information available

12.3 Bioaccumulative Potential

Chemical name	Log Pow
1,2-Benzisothiazolin-3-one	1.3

12.4 Mobility in Soil

No information available.

12.5 Results of PBT and vPvB Assessment

No information available

12.6 Other Adverse Effects

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Chemical name	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances
3,5-Dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide	Group III Chemical	

13. Disposal Considerations

13.1 Waste Treatment Methods

Waste from Residues/Unused Products Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.

EWC waste disposal No 020108 - agrochemical waste containing dangerous substances.

OTHER INFORMATION 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. (Propyzamide)
14.3 Hazard class	9
14.4 Packing group	III
14.5 Environmental Hazard	DANGEROUS FOR THE ENVIRONMENT
14.6 Special Provisions	274, 335, 375, 601

IMDG/IMO

14.1 UN-No	UN3082
14.2 Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (Propyzamide)
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 (Propyzamide)
14.3 Hazard class	9
14.4 Packing group	III
14.5 Environmental Hazard	DANGEROUS FOR THE ENVIRONMENT
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 14948

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

International Inventories

TSCA	Present
EINECS/ ELINCS	Present
DSL/NDSL	Present
PICCS	Present
ENCS	Present
China	-
AICS	Present
KECL	Present

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
H302 - Harmful if swallowed
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H351 - Suspected of causing cancer
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H411 - Toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects

Revision date 18-Sep-2017

Revision note Sections updated: 2, Classification of the substance or mixture

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 responsability 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