

GOFRITHAR

Preparation Date 14-Dec-2016

Revision date 14-Dec-2016

Revision Number: 1

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

1.1 Identification of the product

Product code FCG08
Product Description: GOFRITHAR
Synonyms -
Pure substance/preparation Preparation

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

Recommended use Fungicide

1.3 Details of the Supplier of the Safety Data Sheet

Supplier Cerexagri s.a.s
Bat. Galilée 3
Parc Saint Christophe
10 avenue de l'Entreprise
95863 CERGY PONTOISE
FRANCE
tel : +33 (0)1 30 17 88 00
fax : +33 (0)1 30 17 88 20
E-mail address fds.cerexagri@uniphos.com

1.4 Emergency Telephone Number

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

2. Hazards Identification

2.1 Classification of the mixture

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

Serious Eye Damage/Irritation	Category 2 - H319
Skin sensitization	Category 1 - H317

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

H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

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

P272 - Contaminated work clothing must not be allowed out of the workplace
P363 - Wash contaminated clothing before reuse
P280 - Wear protective gloves/eye protection/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
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.
Sulfur	231-722-6	7704-34-9	50 - 60	-	Skin Irrit. 2 (H315)	01-2119487295-27
Sodium naphthalene sulfonate/formaldehyde condensate	-	68425-94-5	1 - 5	-	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	no data available
1,2-Benzisothiazolin-3-one	Present	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	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
Skin contact	Wash off immediately with plenty of water If symptoms persist, call a physician
Ingestion	Rinse mouth with water Call a POISON CENTER or doctor if you feel unwell
Inhalation	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 any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media As aqueous suspension ignition and fire is not likely.
Use materials appropriate for surrounding fire.

Unsuitable extinguishing media No information available

5.2 Special hazards arising from the substance or mixture

Special Hazard No information available

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

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 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
Avoid contact with skin and eyes

Hygiene Measures

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

7.2 Conditions for safe storage, including any incompatibilities

Keep at temperatures above 0°C
Keep only in the original container/package in a cool well-ventilated place
Keep only in original container
Store away from heat
Store away from frost.

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

Chemical name	Eu	United Kingdom	France	Spain	Germany
Sulfur	10mg/m ³				

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 Suitable mask with particle filter P3 (European Norm 143)

Environmental exposure controls No information available

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Off-white	
Physical state	Liquid suspension concentrate (SC)	
Odor	paint like	
<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
pH	(+/- 0.8) 6.7	CIPAC MT 75
Melting point/freezing point	0 °C	
Boiling Point/Range	No information available	
Flash Point	> 100 °C	EEC A.9
Flammability (solid, gas)	liquid: Not applied	
vapor density	negligible	
Relative Density	1,44 g/mL	EEC A3
Solubility in Other Solvents	Dispersible	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	> 230 °C	EC A.15
Decomposition temperature	No information available	
Viscosity	89 mPas	Dynamic viscosity, 20 °C, OECD 114
Oxidizing properties	No information available	
Explosive properties	Not an explosive	

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

Strong oxidizing agents

10.5 Incompatible Materials

Strong oxidizing agents
Strong acids

10.6 Hazardous Decomposition Products

No information available

11. Toxicological Information

11.1 Information on Toxicological Effects

Acute toxicity

Local effects

Inhalation

Not applied.

Eye contact

May cause eye irritation.

Skin contact

No skin irritation.

Ingestion

There is no data available for this product.

LD50 Oral

> 2000 mg/kg (rat)

LD50 Dermal

> 2000 mg/kg (rabbit)

Chronic toxicity

Skin Corrosion/Irritation

Irritating to eyes, Non-irritating to the skin.

Sensitization

Skin Sensitization.

Carcinogenic effects

There are no known carcinogenic chemicals in this product

Mutagenic effects

Contains no ingredient listed as a mutagen

Reproductive effects

This product does not contain any known or suspected reproductive hazards

STOT - Single Exposure

Not classified.

STOT - Repeated Exposure

Not classified.

12. Ecological Information

12.1 Toxicity

Chemical name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sulfur		LC50 96 h: = 866 mg/L static (Brachydanio rerio) LC50 96 h: < 14 mg/L static (Lepomis macrochirus) LC50 96 h: > 180 mg/L static (Oncorhynchus mykiss)		

12.2 Persistence and Degradability

persistence: No

12.3 Bioaccumulative Potential

Does not bioaccumulate

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

12.4 Mobility in Soil

Mobile.

12.5 Results of PBT and vPvB Assessment

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

12.6 Other Adverse Effects

No information available.

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	Not regulated
14.2 Proper shipping name	
14.3 Hazard class	
14.4 Packing group	
14.5 Environmental Hazard	
14.6 Special Provisions	

IMDG/IMO

14.1 UN-No	Not regulated
14.2 Proper shipping name	
14.3 Hazard class	
14.4 Packing group	
14.5 Environmental Hazard	
14.6 Special Provisions	

IATA/ICAO

14.1 UN-No	Not regulated
14.2 Proper shipping name	
14.3 Hazard class	
14.4 Packing group	
14.5 Environmental Hazard	
14.6 Special Provisions	

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
 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

H319 - Causes serious eye irritation

H400 - Very toxic to aquatic life

Revision date 14-Dec-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