

Trade name: ERADICOAT MAX**Product no.:** CE 057 C0241 IE**Current version :** 1.0.4, issued: 26.10.2022**Replaced version:** 1.0.3, issued: 06.04.2022**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

ERADICOAT MAX

UFI:

3169-Q07F-R006-669J

1.2 Relevant identified uses of the substance or mixture and uses advised against**Relevant identified uses of the substance or mixture**Plant protection product for professional use. Agriculture.
Insecticide**Uses advised against**

No data available.

1.3 Details of the supplier of the safety data sheet**Address**Certis Belchim B.V. (EU)
Stadsplateau 16
3521 AZ Utrecht - NederlandTelephone no. 0031 (0)30 200 1200
Fax no. 0031 (0)30 310 0241
e-mail info@certisbelchim.com**Advice on Safety Data Sheet**

www.certisbelchim.com

Identification of the supplier**Address**Certis Belchim B.V. - United Kingdom
Suite 5, 3 Riverside, Granta Park - Great Abington
Cambridgeshire CB21 6AD
United KingdomTelephone no. 0044 (0)1223 894 261
Fax no. 0044 (0)1223 891210
e-mail info.uk@certisbelchim.com - www.certisbelchim.co.uk**1.4 Emergency telephone number**

For further advice for medical professionals:

Dublin – National Poisons Information Centre, Beaumont Hospital, Dublin 9:

Available from 8 am to 10pm – 7 days: +353 (01) 809 2166

Available 24hrs: +353(01)809 2566

Carechem 24 GB: +44 870 190 6777

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Eye Dam. 1; H318

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

Classification and labelling is due to approval of the competent national authority.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS05

Signal word

Danger

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D-Glucopyranose, oligomeric, decyl octyl glycosides

Hazard statement(s)

H318 Causes serious eye damage.

Hazard statements (EU)

EUH208 Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

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

Precautionary statement(s)

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

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

P501 Dispose of contents/ container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty clean containers which can be disposed of as non-hazardous waste.

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2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Chemical characterization**

Maltodextrin 476 g/L (SL)

Hazardous ingredients

No	Substance name	Classification (EC) 1272/2008 (CLP)	Additional information	Concentration	%
1	D-Glucopyranose, oligomeric, decyl octyl glycosides				
	68515-73-1 500-220-1 - 01-2119488530-36	Eye Dam. 1; H318	>= 5,00 - < 10,00		wt%
2	2-methyl-2H-isothiazol-3-one				
	2682-20-4 220-239-6 613-326-00-9 01-2120764690-50	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 2; H330 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	< 0,10		wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	-	Skin Sens. 1A; H317: C >= 0,0015%	M = 10	M = 1

Additional ingredients

No	Substance name	Classification (EC) 1272/2008 (CLP)	Additional information	Concentration	%
1	Maltodextrin				
	9050-36-6 232-940-4 - -	-	>= 25,00 - < 50,00		wt%

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

If medical advice is needed, have product container or label at hand.

After inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

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Take off contaminated clothing. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse AWAY from the unaffected eye. Immediately call a POISON CENTER or doctor/physician.

After ingestion

Rinse mouth. Call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3 Advice for firefighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge uncontrolled into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

Information regarding waste disposal, see section 13. Information regarding personal protective measures, see section 8. Information regarding safe handling, see section 7.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours.

Advice on protection against fire and explosion

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Keep from freezing. Protect from heat and direct sunlight.

Recommended storage temperature

Value 5 - 30 °C

Requirements for storage rooms and vessels

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Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

Incompatible products

Do not store together with foodstuffs.

7.3 Specific end use(s)**Industry solution**

Always read the label and product information before use.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	D-Glucopyranose, oligomeric, decyl octyl glycosides			68515-73-1 500-220-1	
	dermal	Long term (chronic)	systemic	595000	mg/kg/day
	inhalative	Long term (chronic)	systemic	420	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	D-Glucopyranose, oligomeric, decyl octyl glycosides			68515-73-1 500-220-1	
	oral	Long term (chronic)	systemic	35,7	mg/kg/day
	dermal	Long term (chronic)	systemic	357000	mg/kg/day
	inhalative	Long term (chronic)	systemic	124	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	D-Glucopyranose, oligomeric, decyl octyl glycosides		68515-73-1 500-220-1	
	water	fresh water	0,176	mg/L
	water	marine water	0,0176	mg/L
	water	Aqua intermittent	0,27	mg/L
	water	fresh water sediment	1,516	mg/kg dry weight
	water	marine water sediment	0,152	mg/kg dry weight
	soil	-	0,654	mg/kg dry weight
	sewage treatment plant	-	560	mg/L
	secondary poisoning	-	111,11	mg/kg food

8.2 Exposure controls**Appropriate engineering controls**

No data available.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses (EN 166)

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.
Appropriate Material nitrile rubber

Other

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345)

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

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State of aggregation	
liquid	
Form	
liquid	
Colour	
brown	
Odour	
No data available	
pH value	
Value	6,9
Concentration	1 %
Source	Manufacturer
Boiling point / boiling range	
No data available	
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Source	Manufacturer
Ignition temperature	
No data available	
Auto-ignition temperature	
Value	425 °C
Source	Manufacturer
Oxidising properties	
not oxidizing	
Explosive properties	
not explosive	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
No data available	
Relative vapour density	
No data available	
Relative density	
Value	1,194
Source	Manufacturer
Density	
No data available	
Solubility in water	
Source	Manufacturer
Comments	emulsifiable
Solubility	
No data available	
Partition coefficient n-octanol/water (log value)	
No data available	
Kinematic viscosity	
No data available	
Particle characteristics	
No data available	

9.2 Other information

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No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

The product is stable under normal storage and handling conditions.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

None, if handled according to order.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
LD50	>	2000	mg/kg bodyweight
Species	rat		
Source	Manufacturer		
2	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
LD50	>	2000	mg/kg bodyweight
Species	rat		
Source	Manufacturer		
2	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
LC50	>	5	mg/l
State of aggregation	Dust/mist		
Method	calculated		
Source	Manufacturer		
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
Method	calculated		
Source	Manufacturer		
Evaluation	non-irritant		
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	Irreversible effects on the eye		

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Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
Route of exposure		Skin	
Method		calculated	
Source		Manufacturer	
Evaluation		non-sensitizing	
2	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
Route of exposure		Skin	
Species		guinea pig	
Source		ECHA	
Evaluation		non-sensitizing	
Germ cell mutagenicity			
No data available			
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
Source		Manufacturer	
Evaluation/classification		On the basis of the available information, the classification criteria are not met.	
2	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
NOAEL			
Species		rat	
Method		OECD 421	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	Maltodextrin	9050-36-6	232-940-4
Source		Manufacturer	
Evaluation/classification		On the basis of the available information, the classification criteria are not met.	
STOT - single exposure			
No data available			
STOT - repeated exposure			
No data available			
Aspiration hazard			
No data available			

11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
LC50		126	mg/l
Duration of exposure		96	h
Species		Danio rerio	
Method		OECD 203	
Source		ECHA	
Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
NOEC		1,8	mg/l
Duration of exposure		28	day(s)
Species		Brachydanio rerio	
Method		OECD 204	
Source		ECHA	
Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.

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1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
EC50	>	100	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)

No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
NOEC		1	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	OECD 202		

Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
EC50		27,22	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Source	ECHA		

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
EC50	>	560	mg/l
Duration of exposure		6	h
Species	Pseudomonas putida		
Method	Bringmann and Kuehn (1977)		
Source	ECHA		

12.2 Persistence and degradability**Biodegradability**

No	Substance name	CAS no.	EC no.
1	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	500-220-1
Type	DOC decrease		
Value		100	%
Duration		28	day(s)
Method	OECD 301 E		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

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Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	75
2	2-methyl-2H-isothiazol-3-one	2682-20-4	220-239-6	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH071	Corrosive to the respiratory tract.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.

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H410

Very toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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