According to Commission Regulation (EU) 2020/878 of amending Regulation (EC) No 1907/2006



Clomazone 360 g/I CS

Version Revision Date: SDS Number: Date of last issue: -

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Clomazone 360 g/l CS

Other means of identification

Product code 50000821

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- Herbicide

stance/Mixture

Recommended restrictions

on use

Use as recommended by the label.

1.3 Details of the supplier of the safety data sheet

Supplier Address FMC Agricultural Solutions A/S

Thyborønvej 78 DK-7673 Harboøre

Denmark

Telephone: +45 9690 9690 Telefax: +45 9690 9691

E-mail address: SDS-Info@fmc.com .

1.4 Emergency telephone number

For leak, fire, spill or accident emergencies, call:

Denmark: +45-69918573 (CHEMTREC)

Medical emergency:

Denmark: +45 82 12 12 12

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

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Additional Labelling

EUH210 Safety data sheet available on request.

EUH401 To avoid risks to human health and the environment, comply with the instruc-

tions for use.

For special phrases (SP) and safety intervals, consult the label.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
clomazone (ISO)	81777-89-1	Acute Tox. 4; H302	>= 30 - < 50
		Acute Tox. 4; H332	
	613-340-00-5	Aquatic Acute 1;	
		H400	
		Aquatic Chronic 1;	
		H410	
		M-Factor (Acute	
		aquatic toxicity): 1	
		M-Factor (Chronic	
		aquatic toxicity): 1	
		Acute toxicity esti-	
		mate	
		Acute oral toxicity:	
		768 mg/kg	
		Acute inhalation tox-	
		icity (dust/mist): 4,85	

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		mg/l	
calcium chloride	10043-52-4 233-140-8 017-013-00-2	Eye Irrit. 2; H319	>= 1 - < 10
sodium nitrate	7631-99-4 231-554-3	Ox. Sol. 2; H272 Eye Irrit. 2; H319	>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area.

Do not leave the victim unattended.

Show this safety data sheet to the doctor in attendance.

If inhaled : Remove to fresh air.

If unconscious, place in recovery position and seek medical

advice.

Consult a physician after significant exposure.

In case of skin contact : If on clothes, remove clothes.

If on skin, rinse well with water.

Wash off with soap and plenty of water.

Get medical attention if irritation develops and persists.

In case of eye contact : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing

media

High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion prod: :

ucts

Thermal decomposition can lead to release of irritating gases

and vapours.

Halogenated compounds Nitrogen oxides (NOx)

Carbon oxides

Chlorinated compounds

5.3 Advice for firefighters

Special protective equipment :

for firefighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

Further information : Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

If it can be safely done, stop the leak.

Keep people away from and upwind of spill/leak.

Remove all sources of ignition.

Immediately evacuate personnel to safe areas.

Ensure adequate ventilation.

Never return spills in original containers for re-use.

Mark the contaminated area with signs and prevent access to

unauthorized personnel.

Only qualified personnel equipped with suitable protective

equipment may intervene.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national

regulations.

Advice on protection against :

fire and explosion

Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.

Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological

safety standards.

Further information on stor-

age conditions

The product is stable under normal conditions of warehouse storage. Store in closed, labelled containers. The storage room should be constructed of incombustible material, closed, dry, ventilated and with impermeable floor, without access of unauthorised persons or children. The room should only be used for storage of chemicals. Food, drink, feed and seed should not be present. A hand wash station should be availa-

ble.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Registered pesticide to be used in accordance with a label

approved by country-specific regulatory authorities.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
calcium chloride	Consumers	Inhalation	Long-term local ef- fects	2,5 mg/m3

8.2 Exposure controls

Personal protective equipment

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Hand protection

Material : Wear chemical resistant gloves, such as barrier laminate,

butyl rubber or nitrile rubber.

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Skin and body protection : Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In case of mist, spray or aerosol exposure wear suitable per-

sonal respiratory protection and protective suit.

Protective measures : Plan first aid action before beginning work with this product.

Always have on hand a first-aid kit, together with proper in-

structions.

Wear suitable protective equipment. When using do not eat, drink or smoke.

In the context of professional plant protection use as recommended, the end user must refer to the label and the instruc-

tions for use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid

Form : liquid

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Colour : opaque, brown

Odour : slight, aromatic, hydrocarbon-like

Odour Threshold : not determined

Melting point/freezing point : not determined

Boiling point/boiling range : not determined

Upper explosion limit / Upper

flammability limit

not determined

Lower explosion limit / Lower

flammability limit

not determined

Flash point : > 93 °C

Method: closed cup

Auto-ignition temperature : No data available

Decomposition temperature : not determined

pH : 8,99

In a 1% aqueous dispersion

Viscosity

Viscosity, dynamic : 136 - 837 mPa,s (20 °C)

97 - 644 mPa,s (40 °C)

It is a non-newtonian fluid; viscosity decreases with increasing

shear rate.

Viscosity, kinematic : No data available

Solubility(ies)

Water solubility : dispersible

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

Not available for this mixture.

Vapour pressure : Not available for this mixture.

Relative density : 1,171 (20 °C)

Relative vapour density : not determined

Particle characteristics

Particle size : Not applicable

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Particle Size Distribution : Not applicable

Shape : Not applicable

9.2 Other information

Explosives : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Self-ignition : 392 °C

Evaporation rate : not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

Protect from frost, heat and sunlight.

10.5 Incompatible materials

Materials to avoid : Avoid strong acids, bases, and oxidizers

10.6 Hazardous decomposition products

Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 5,21 mg/l

Exposure time: 4 h

According to Commission Regulation (EU) 2020/878 of amending Regulation (EC) No 1907/2006



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Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 402

Components:

clomazone (ISO):

Acute oral toxicity : Acute toxicity estimate: 768 mg/kg

Method: Acute toxicity estimate according to Regulation (EC)

No. 1272/2008

LD50 (Rat, female): 767,5 mg/kg

Method: US EPA Test Guideline OPP 81-1

Acute inhalation toxicity : Acute toxicity estimate: 4,85 mg/l

Test atmosphere: dust/mist

Method: Acute toxicity estimate according to Regulation (EC)

No. 1272/2008

LC50 (Rat, female): 4,85 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: US EPA Test Guideline OPP 81-3

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2.000 mg/kg

Method: US EPA Test Guideline OPP 81-2

Assessment: The substance or mixture has no acute dermal

toxicity

calcium chloride:

Acute oral toxicity : LD50 (Rat, male): 2.120 mg/kg

Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit, male and female): > 5.000 mg/kg

sodium nitrate:

Acute oral toxicity : LD50 (Rat, male and female): 3.430 mg/kg

Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat, male and female): > 5.000 mg/kg

Method: OECD Test Guideline 402

Skin corrosion/irritation

Not classified based on available information.

Product:

Assessment : No skin irritation

Method : OECD Test Guideline 404

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Result : No skin irritation

Components:

clomazone (ISO):

Species : Rabbit

Method : US EPA Test Guideline OPP 81-5

Result : No skin irritation

calcium chloride:

Species : Rabbit

Method : OECD Test Guideline 404

Result : No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Assessment : No eye irritation

Method : OECD Test Guideline 405

Result : No eye irritation

Components:

clomazone (ISO):

Species : Rabbit

Method : US EPA Test Guideline OPP 81-4

Result : No eye irritation

calcium chloride:

Species : Rabbit

Method : OECD Test Guideline 405

Result : Irritation to eyes, reversing within 21 days

sodium nitrate:

Species : Rabbit

Assessment : Irritating to eyes.

Method : OECD Test Guideline 405

Result : Eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

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Product:

Did not cause sensitisation on laboratory animals. Assessment

OECD Test Guideline 429 Method

Result Does not cause skin sensitisation.

Components:

clomazone (ISO):

Guinea pig **Species**

Assessment Not a skin sensitizer.

US EPA Test Guideline OPP 81-6 Method

sodium nitrate:

Test Type Local lymph node assay (LLNA)

Species Mouse

Method **OECD Test Guideline 429**

Result Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Product:

sessment

Germ cell mutagenicity- As- : Contains no ingredient listed as a mutagen

Components:

clomazone (ISO):

Genotoxicity in vitro Test Type: Ames test

Test system: Salmonella typhimurium

Result: negative

Test Type: gene mutation test

Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Result: negative

Genotoxicity in vivo Test Type: Cytogenetic assay

> Species: Rat Result: negative

calcium chloride:

Genotoxicity in vitro Test Type: In vitro mammalian cell gene mutation test

Method: OECD Test Guideline 471

Result: negative

sodium nitrate:

Test Type: Chromosome aberration test in vitro Genotoxicity in vitro

Method: OECD Test Guideline 473

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Result: negative

Genotoxicity in vivo : Test Type: unscheduled DNA synthesis assay

Species: Mouse Application Route: Oral Result: negative

Carcinogenicity

Not classified based on available information.

Product:

Carcinogenicity - Assess-

ment

: Contains no ingredient listed as a carcinogen

Components:

clomazone (ISO):

Species : Rat, male and female

Application Route : Oral
Exposure time : 2 Years
Result : negative

Reproductive toxicity

Not classified based on available information.

Product:

Reproductive toxicity - As-

sessment

Contains no ingredient listed as toxic to reproduction

Components:

clomazone (ISO):

Effects on fertility : Test Type: Two-generation study

Species: Rat, male and female

Application Route: Oral

Result: negative

Effects on foetal develop-

ment

Test Type: Embryo-foetal development

Species: Rat

Application Route: Oral Symptoms: Maternal effects

Result: negative

Test Type: Embryo-foetal development

Species: Rabbit Application Route: Oral Symptoms: Maternal effects

Result: negative

calcium chloride:

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Effects on foetal develop-

ment

Test Type: reproductive and developmental toxicity study

Species: Rat

Application Route: Oral

Method: OECD Test Guideline 414

Remarks: No significant adverse effects were reported

sodium nitrate:

Effects on fertility : Test Type: reproductive and developmental toxicity study

Species: Rat

Application Route: Oral Result: negative

Remarks: Based on data from similar materials

Effects on foetal develop-

ment

Test Type: reproductive and developmental toxicity study

Species: Rat

Application Route: Oral Result: negative

STOT - single exposure

Not classified based on available information.

Components:

clomazone (ISO):

Remarks : No significant adverse effects were reported

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

clomazone (ISO):

Species : Rat, male and female

NOEL : 1000 ppm Application Route : Oral Exposure time : 90 days

Symptoms : increased liver weight

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration toxicity classification

Components:

clomazone (ISO):

The substance does not have properties associated with aspiration hazard potential.

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11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment The substance/mixture does not contain components consid-

> ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

Further information

Product:

Remarks No data available

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 593 mg/l

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : LC50 (Daphnia magna (Water flea)): 491 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic

plants

: ErC50 (Pseudokirchneriella subcapitata (algae)): 366 mg/l

Exposure time: 72 h

ErC50 (Lemna gibba (duckweed)): 3.547 mg/l

Exposure time: 7 d

Ecotoxicology Assessment

Acute aquatic toxicity This product has no known ecotoxicological effects.

Chronic aquatic toxicity This product has no known ecotoxicological effects.

Components:

clomazone (ISO):

Toxicity to fish LC50 (Menidia beryllina (Silverside)): 6,3 mg/l

Exposure time: 96 h

LC50 (Oncorhynchus mykiss (rainbow trout)): 14,4 mg/l

Exposure time: 96 h

LC50 (Lepomis macrochirus (Bluegill sunfish)): 34 mg/l

Exposure time: 96 h

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Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia (water flea)): 5,2 mg/l

Exposure time: 48 h

EC50 (Daphnia magna (Water flea)): 12,7 mg/l

Exposure time: 48 h Test Type: static test

LC50 (Americamysis bahia (mysid shrimp)): 0,57 mg/l

Exposure time: 96 h

Test Type: flow-through test

LC50 (Crustaceans): 0,53 mg/l

Exposure time: 96 h

Toxicity to algae/aquatic

plants

EbC50 (Selenastrum capricornutum (green algae)): 2 mg/l

Exposure time: 72 h

ErC50 (Selenastrum capricornutum (green algae)): 4,1 mg/l

Exposure time: 72 h

ErC50 (Navicula pelliculosa (Freshwater diatom)): 0,136 mg/l

Exposure time: 120 h

NOEC (Navicula pelliculosa (Freshwater diatom)): 0,05 mg/l

End point: Growth rate Exposure time: 120 h

EC50 (Lemna gibba (duckweed)): 13,9 mg/l

Exposure time: 7 d

M-Factor (Acute aquatic tox-

icity)

1

Toxicity to fish (Chronic tox-

icity)

NOEC: 2,3 mg/l

Exposure time: 21 d

Species: Oncorhynchus mykiss (rainbow trout)

Test Type: flow-through test

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

NOEC: 2,2 mg/l Exposure time: 21 d

Species: Daphnia magna (Water flea)

NOEC: 0,032 mg/l Exposure time: 28 d

Species: Americamysis bahia (mysid shrimp)

Test Type: flow-through test

NOEC: 1,25 mg/l Exposure time: 21 d

Species: Daphnia magna (Water flea)

Test Type: static test

M-Factor (Chronic aquatic : 1

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toxicity)

Toxicity to soil dwelling or-

ganisms

: LC50: 156 mg/kg Exposure time: 14 d

Species: Eisenia fetida (earthworms)

Toxicity to terrestrial organ-

isms

LD50: > 2.510 mg/kg

Species: Anas platyrhynchos (Mallard duck)

LC50: > 5620 ppm

Species: Anas platyrhynchos (Mallard duck)

Remarks: Dietary

LC50: > 85.29

Species: Apis mellifera (bees)

LC50: > 100

Species: Apis mellifera (bees)

Remarks: Contact

LD50: > 2000

Species: Coturnix japonica (Japanese quail)

NOEC: 94 mg/kg

End point: Reproduction Test Species: Colinius virginianus

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

calcium chloride:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 4.630 mg/l

Exposure time: 96 h

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 2.400 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic

plants

EC50 (Chlorella vulgaris (Fresh water algae)): 2.900 mg/l

Exposure time: 72 h

EC10 (Chlorella vulgaris (Fresh water algae)): 1.000 mg/l

Exposure time: 72 h

Toxicity to daphnia and other : aquatic invertebrates (Chron-

:- +--::-:+-\

EC10: 320 mg/l Exposure time: 21 d

ic toxicity)

sodium nitrate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

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Remarks: Based on data from similar materials

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 8.600 mg/l

Exposure time: 24 h

Method: OECD Test Guideline 202

Toxicity to microorganisms : EC50 : > 1.000 mg/l

Exposure time: 3 h

Method: OECD Test Guideline 209

Toxicity to fish (Chronic tox-

icity)

NOEC: 157 mg/l

Exposure time: 32 d

Species: Pimephales promelas (fathead minnow)

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No data is available on the product itself.

Product contains minor amounts of not readily biodegradable components, which may not be degradable in waste water

treatment plants.

Components:

clomazone (ISO):

Biodegradability : Result: Not readily biodegradable.

Remarks: Substance/product is moderately persistent in the

environment.

Primary degradation half-lives vary with circumstances, from a

few weeks to a few months in aerobic soil and water.

sodium nitrate:

Biodegradability : Remarks: The methods for determining biodegradability are

not applicable to inorganic substances.

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data is available on the product itself.

Components:

clomazone (ISO):

Bioaccumulation : Bioconcentration factor (BCF): 27 - 40

Remarks: Low potential for bioaccumulation

Partition coefficient: n-

octanol/water

log Pow: 2,5

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12.4 Mobility in soil

Product:

Distribution among environmental compartments

: Remarks: No data is available on the product itself.

Components:

clomazone (ISO):

Distribution among environmental compartments

: Koc: 300 ml/g, log Koc: 2,47 Remarks: Mobile in soils

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Do not re-use empty containers.

Packaging that is not properly emptied must be disposed of as

the unused product.

Empty containers should be taken to an approved waste han-

According to Commission Regulation (EU) 2020/878 of amending Regulation (EC) No 1907/2006



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dling site for recycling or disposal.

SECTION 14: Transport information

14.1 UN number or ID number

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.4 Packing group

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA (Cargo) : Not regulated as a dangerous good
IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regu-

lations.

According to Commission Regulation (EU) 2020/878 of amending Regulation (EC) No 1907/2006



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14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on

the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

Regulation (EC) No 1005/2009 on substances that de-

plete the ozone layer

Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import

of dangerous chemicals

REACH - List of substances subject to authorisation

(Annex XIV)

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors

This product is regulated by Regulation (EU) 2019/1148: all suspisodium nitrate (ANNEX II) cious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

The components of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory

TSCA : Product contains substance(s) not listed on TSCA inventory.

AIIC : Not in compliance with the inventory

DSL : This product contains the following components that are not

on the Canadian DSL nor NDSL.

According to Commission Regulation (EU) 2020/878 of amending Regulation (EC) No 1907/2006



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clomazone (ISO)

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

NZIoC : Not in compliance with the inventory

TECI: Not in compliance with the inventory

15.2 Chemical safety assessment

A chemical safety assessment is not required for this product (mixture).

SECTION 16: Other information

Full text of H-Statements

H272 : May intensify fire; oxidizer. H302 : Harmful if swallowed. H319 : Causes serious eye irritation.

H332 : Harmful if inhaled. H400 : Very toxic to aquatic life.

H410 : Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Acute : Short-term (acute) aquatic hazard
Aquatic Chronic : Long-term (chronic) aquatic hazard

Eye Irrit. : Eye irritation
Ox. Sol. : Oxidizing solids

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China;

According to Commission Regulation (EU) 2020/878 of amending Regulation (EC) No 1907/2006



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IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

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