



Vitavax 200 SC

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: 2514

Issue date: 3/16/2016 Date of revision: 5/18/2021 Supersedes version of: 1/14/2021 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Name : Carboxin 200 g/L, Thiram 200 g/L - FS
Trade name : Vitavax 200 SC
Synonyms : Vitavax 200F dyed

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

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : Plant protection products
Use of the substance/mixture : Seed treatment

1.2.2. Uses advised against

Restrictions on use : No known evidence against using

1.3. Details of the supplier of the safety data sheet

UPL France
Tour Voltaire 1, Place des Degrés
92800 PUTEAUX
France
T +33 (0)1 46 35 92 00
sds.info@upl-ltd.com - www.upl-ltd.com/fr

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Specific target organ toxicity — Repeated exposure, Category 2 H373
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS08

GHS09

Signal word (CLP) : Warning
Contains : carboxin (ISO); 5,6-dihydro-2-methyl-1,4-oxathiine-3-carboxanilide, thiram (ISO); tetramethylthiuram disulphide, monoethylene glycol
Hazard statements (CLP) : H373 - May cause damage to organs through prolonged or repeated exposure.
H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.

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EUH-statements	P314 - Get medical advice/attention if you feel unwell.
	P391 - Collect spillage.
	P501 - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
	: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.
	EUH208 - Contains carboxin (ISO); 5,6-dihydro-2-methyl-1,4-oxathiine-3-carboxanilide, thiram (ISO); tetramethylthiuram disulphide. May produce an allergic reaction.

2.3. Other hazards

Other hazards which do not result in classification : This 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.

Component	
Carboxin (5234-68-4)	PBT/vPvB assessment not available as chemical safety assessment not conducted
Thiram (137-26-8)	PBT/vPvB assessment not available as chemical safety assessment not conducted

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
monoethylene glycol substance with a Community workplace exposure limit	CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1 REACH-no: 01-2119456816-28-XXXX	20 – 25	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 2, H373
carboxin (ISO); 5,6-dihydro-2-methyl-1,4-oxathiine-3-carboxanilide	CAS-No.: 5234-68-4 EC-No.: 226-031-1 EC Index-No.: 616-226-00-3	10 – 20	STOT RE 2, H373 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH401
thiram (ISO); tetramethylthiuram disulphide	CAS-No.: 137-26-8 EC-No.: 205-286-2 EC Index-No.: 006-005-00-4	10 – 20	Acute Tox. 4 (Inhalation), H332 (ATE=3.46 mg/l/4h) Acute Tox. 4 (Oral), H302 (ATE=1800 mg/kg bodyweight) STOT RE 2, H373 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Quartz (SiO ₂) (fine fraction ≥ 10%) substance with a Community workplace exposure limit	CAS-No.: 14808-60-7 EC-No.: 238-878-4	≤ 0.01	STOT RE 1, H372

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove victim to fresh air. Obtain medical attention.
First-aid measures after skin contact	: Remove all contaminated clothing and footwear. Wash off with soap and plenty of water. If case of redness or irritation, call a doctor.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If irritation persists, consult an eye specialist.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth out with water. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause damage to organs through prolonged or repeated exposure.
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4.3. Indication of any immediate medical attention and special treatment needed

The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. Carbon dioxide (CO ₂). Dry powder. Water spray.
Unsuitable extinguishing media	: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Burning produces stinking and toxic fumes. Decomposition products may be a hazard to health.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.
Other information	: Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Avoid contact with skin and eyes. Only qualified personnel equipped with suitable protective equipment may intervene.
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6.1.2. For emergency responders

Protective equipment	: Concerning personal protective equipment to use, see section 8.
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6.2. Environmental precautions

Do not flush down sewers.

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6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Take up large spills with pump or vacuum.
- Other information : Keep in suitable, closed containers for disposal. Dispose of rinse water as waste water.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not breathe vapours, spray. Handle and open container with care.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed. Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Observe the label precautions.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Safety goggles

8.2.2.2. Skin protection

Skin and body protection:

Impervious clothing

Hand protection:

Impermeable protective gloves

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8.2.2.3. Respiratory protection

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Vapours or aerosols : Breathing apparatus with filter

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Prevent entry to sewers and public waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Pink.
Appearance	: Opaque.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: 106 °C
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: does not flash
Auto-ignition temperature	: > 400 °C
Decomposition temperature	: Not available
pH	: 7 – 9
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 100 – 300 mPa·s (25 °C)
Solubility	: Water: Dispersible
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: Not applicable
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 1.16 (20 °C)
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : 0.13

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Oxidising agents. Strong acids. Strong bases.

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 toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

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LD50 oral rat	4500 mg/kg
LD50 dermal rat	> 4000 mg/kg

Carboxin (5234-68-4)

LD50 oral rat	2588 mg/kg (male)
LD50 oral	3080 mg/kg (rat) (female)
LD50 dermal rabbit	> 4000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 4.7 mg/l/4h (maximum attainable concentration - zero mortality)

Thiram (137-26-8)

LD50 oral rat	1800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	3.46 mg/l/4h

monoethylene glycol (107-21-1)

LD50 oral rat	7712 mg/kg
LD50 dermal	> 3500 mg/kg (mouse)
LC50 Inhalation - Rat	> 2.5 mg/l (Aerosol - 6 h)

Skin corrosion/irritation : Not classified. (Based on available data, the classification criteria are not met)
pH: 7 – 9

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Additional information	: Product : Not irritating to rabbits on cutaneous application Thiram : Irritating to rabbits on cutaneous application (Repeated dose toxicity, 21 days) Carboxin : Not irritating to rabbits on cutaneous application
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7 – 9
Additional information	: Product : Not irritating to rabbits on ocular application Thiram : Irritating to rabbits on ocular application Carboxin : Not irritating to rabbits on ocular application
Respiratory or skin sensitisation	: Not classified. (Based on available data, the classification criteria are not met)
Additional information	: Product : Does not cause cutaneous sensitisation for guinea-pigs Thiram : May cause sensitisation by skin contact (Split Adjuvant Test + clinical observations in humans) Carboxin : Maximisation Test (GPMT) : May cause sensitisation by skin contact (Guinea pig) (OECD 406 method)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: Thiram : Not expected to be mutagenic Carboxin : Not expected to be mutagenic
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

Carboxin (5234-68-4)	
NOAEL, male, oral, rat	0.82 mg/kg bw/day
NOAEL, male, oral, mouse	8.0 mg/kg bw/day

Thiram (137-26-8)	
NOAEL, oral, rat	1.5 mg/kg bw/day (2 years)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

Carboxin (5234-68-4)	
Two generation reproduction toxicity test	:
NOAEL, rat, P	1 mg/kg bw/day
NOAEL, rat, F1	20 mg/kg bw/day
NOAEL, rat, F2	10 mg/kg bw/day
Developmental toxicity/teratogenicity	:
NOAEL, Maternal toxicity, rat	10 mg/kg bw/day ((OECD 414 method))
NOAEL, Teratogenicity, rat	90 mg/kg bw/day ((OECD 414 method))
NOAEL, Maternal toxicity, rabbit	75 mg/kg bw/day
NOAEL, Teratogenicity, rabbit	> 750 mg/kg bw/day

Thiram (137-26-8)	
Reproductive toxicity	:
NOAEL, rat, P	2.3 mg/kg bw/day

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Thiram (137-26-8)	
NOAEL, rat, F1	9 mg/kg bw/day
NOAEL, rat, F2	3 mg/kg bw/day
Developmental toxicity/teratogenicity	:
NOAEL, Maternal toxicity, rabbit	10 mg/kg bw/day
NOAEL, Teratogenicity, rabbit	5 mg/kg bw/day
NOAEL, Maternal toxicity, rat	< 7.5 mg/kg bw/day
NOAEL, Teratogenicity, rat	7.5 mg/kg bw/day

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Carboxin (5234-68-4)	
STOT-repeated exposure	May cause damage to organs (kidneys) through prolonged or repeated exposure.
NOAEL, male, Dermal, rat	30 mg/kg (28 days, Test method EU B.9, Target organ(s): kidneys)
NOAEL, male, oral, rat	5.5 mg/kg (90 days, Test method EU B.26, Target organ(s): kidneys)

Thiram (137-26-8)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
NOAEL, oral, rat	3.5 mg/kg bw/day (90 days, Target organ(s): stomach)
NOAEL, Dermal, rabbit	300 mg/kg bw/day (21 days)
NOAEL, oral, Dog	2 mg/kg bw/day (90 days, Target organ(s): liver)

monoethylene glycol (107-21-1)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Quartz (SiO ₂) (fine fraction ≥ 10%) (14808-60-7)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

Not rapidly degradable

Carboxin (5234-68-4)	
LC50 - Fish	2.3 mg/l/96h (US EPA 72-1, Oncorhynchus mykiss (Rainbow trout))
LC50 fish	3.6 mg/l/96h (US EPA 72-1, Lepomis macrochirus (Bluegill))
EC50 - Crustacea	> 57 mg/l/48h ((OECD 202 method), Daphnia magna)
ErC50 algae	0.45 mg/l (5 days, US EPA FIFRA 123-3, Pseudokirchneriella subcapitata)
NOEC chronic fish	0.32 mg/l (21 days, (OECD 204 method), Cyprinus carpio (Common carp))
NOEC chronic crustacea	0.32 mg/l (17 days, (OECD 202 method), Daphnia magna)

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Carboxin (5234-68-4)

NOEC chronic algae	0.107 mg/l (5 days, US EPA FIFRA 123-3, Pseudokirchneriella subcapitata)
EC50, aquatic algae	0.291 mg/l/96h (US EPA FIFRA 123-3, Pseudokirchneriella subcapitata)
EC10, aquatic algae	0.063 mg/l/96h (US EPA FIFRA 123-3, Pseudokirchneriella subcapitata)
LC50, Earthworm	> 500 mg/kg (14 days, (OECD 207 method), Eisenia fetida)
NOEL, avian	83 mg/kg ((OECD 206 method), Colinus virginianus (bobwhite quail).)

Thiram (137-26-8)

LC50 - Fish	0.171 mg/l/96h (Oncorhynchus mykiss (Rainbow trout))
EC50 - Crustacea	0.139 mg/l/48h (Daphnia magna)
ErC50 algae	> 0.141 mg/l/72h (Pseudokirchneriella subcapitata)
NOEC chronic fish	0.046 mg/l (Pimephales promelas)
NOEC chronic crustacea	0.02 mg/l/ 21 days (Daphnia magna)
EyC50, aquatic algae	0.0695 mg/l/72h (Pseudokirchneriella subcapitata)
LC50, Earthworm	540 mg/kg (14 days, Eisenia fetida)

monoethylene glycol (107-21-1)

LC50 - Fish	72860 mg/l/96h (Pimephales promelas)
EC50 - Crustacea	13900 – 57600 mg/l/48h (Daphnia magna)
EC50 Daphnia	> 100 mg/l (Daphnia magna)(OCED 202)
EC50 96h algae	6500 – 13000 mg/l
NOEC chronic fish	15380 mg/l (7 days) (Pimephales promelas)
NOEC chronic crustacea	8590 mg/l (7 days) (Ceriodaphnia dubia)

12.2. Persistence and degradability

Carboxin (5234-68-4)

Persistence and degradability	Not readily biodegradable. (OECD 301B method).
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	Not applicable
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Carboxin (5234-68-4)

Partition coefficient n-octanol/water (Log Pow)	2.3 (Test method EU A.8)
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Thiram (137-26-8)

Partition coefficient n-octanol/water (Log Pow)	2.1
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monoethylene glycol (107-21-1)

Partition coefficient n-octanol/water (Log Pow)	-1.36 (25 °C)
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12.4. Mobility in soil

Carboxin (5234-68-4)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.18
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12.5. Results of PBT and vPvB assessment

Component	
Carboxin (5234-68-4)	PBT/vPvB assessment not available as chemical safety assessment not conducted
Thiram (137-26-8)	PBT/vPvB assessment not available as chemical safety assessment not conducted

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available




SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Empty remaining contents. Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Thiram ; Carboxin)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Thiram ; Carboxin)	Environmentally hazardous substance, liquid, n.o.s. (Thiram ; Carboxin)
Transport document description		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Thiram ; Carboxin), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Thiram ; Carboxin), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Thiram ; Carboxin), 9, III
14.3. Transport hazard class(es)		
9	9	9
		
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available		

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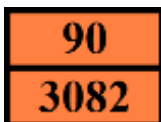
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14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code : -

Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

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Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Thiram (137-26-8)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

1.3 Company identification. Regulatory information.

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
LD50	Median lethal dose
LC50	Median lethal concentration
EC50	Median effective concentration
NOEC	No-Observed Effect Concentration
NOAEL	No-Observed Adverse Effect Level
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
OECD	Organisation for Economic Co-operation and Development

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
EUH208	Contains carboxin (ISO); 5,6-dihydro-2-methyl-1,4-oxathiine-3-carboxanilide, thiram (ISO); tetramethylthiuram disulphide. May produce an allergic reaction.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Vitavax 200 SC

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:

H332	Harmful if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

STOT RE 2	H373	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.