



Zorvec Vinabel

Ref. 130000133441
Version 3.0 (replaces: Version 2.1)

Revision Date 12.04.2018
Issue Date 12.04.2018

This safety data sheet is based on the structure provided by the standards of the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (UN GHS), and includes the classification and identification information under internationally recognized rules. Available exposure limits may not meet regulatory standards for all countries.

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

1.1. Product identifier

Product name : Zorvec Vinabel
Synonyms : Zorvec Vinabel 340 SE
DPX-UBL47 340 SE
GF-3860

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

Use of the Substance/Mixture : Fungicide

1.3. Details of the supplier of the safety data sheet

Company : DuPont International Operations S.a.r.l.
2, chemin du Pavillon
CH-1218 Le Grand-Saconnex / GE
Switzerland

Telephone : +41 (0) 22 717 51 11

Telefax : +41 (0) 22 717 51 09

Supplier : Du Pont de Nemours (France) S.A.S.
82, rue de Wittelsheim
F-68701 Cernay Cedex

Telephone : +33 (0) 3 89 38 38 38

E-mail address : sds-support@che.dupont.com

1.4. Emergency telephone number

+(44)-870-8200418 (CHEMTREC)

Poison Centres may only possess information required for products in accordance with Regulation (EC) No 1272/2008 and national legislation.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Acute aquatic toxicity, Category 1	H400: Very toxic to aquatic life.
Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

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II

2.2. Label elements



Warning

H317
H410

May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.

Special labelling of certain
substances and mixtures

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

P261
P273
P280
P333 + P313
P362 + P364
P391
P501

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Avoid release to the environment.
Wear protective gloves.
If skin irritation or rash occurs: Get medical advice/ attention.
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

SP 1

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

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.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Registration number	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration (% w/w)
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Zoxamide (CAS-No.156052-68-5)
(M-Factor : 10[Acute] 10[Chronic])

	Eye Irrit. 2; H319	28,4 %
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	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
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Oxathiapiprolin (CAS-No.1003318-67-9) (M-Factor : 1[Acute] 1[Chronic])

	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	3,91 %
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Calcium dodecylbenzenesulfonate (CAS-No.26264-06-2) (EC-No.247-557-8)

	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318	$\geq 0 - \leq 5 \%$
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Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified (CAS-No.64742-94-5) (EC-No.265-198-5)

	Skin Irrit. 2; H315 STOT SE 3; H336 STOT SE 3; H335 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	$\leq 0,5 \%$
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The above products are compliant to REACH registration obligations; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- General advice : Never give anything by mouth to an unconscious person.
- Inhalation : Move to fresh air. Artificial respiration and/or oxygen may be necessary. Consult a physician after significant exposure.
- Skin contact : Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.
- Eye contact : If easy to do, remove contact lens, if worn. Hold eye open and rinse slowly and gently with water for 15-20 minutes. If eye irritation persists, consult a specialist.
- Ingestion : Obtain medical attention. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If victim is conscious: Rinse mouth with water.

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

- Symptoms : No cases of human intoxication are known and the symptoms of experimental



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intoxication are not known.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons : High volume water jet, (contamination risk)

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : The flammability and explosive properties have not been investigated, handle this material with particular care.
: Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO₂) Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system. 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.
: (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Control access to area. Keep people away from and upwind of spill/leak. Ventilate spill area. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions

Environmental precautions : Use appropriate container to avoid environmental contamination. Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. If the spill area is porous, the contaminated material must be



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collected for subsequent treatment or disposal. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Clean-up methods - small spillage Soak up with inert absorbent material. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean-up methods - large spillage Prevent further leakage or spillage. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Large spills should be collected mechanically (remove by pumping) for disposal. Collect leaking liquid in sealable (metal/plastic) containers. Collect and contain contaminated absorbent and dike material for disposal.

Other information : Dispose of in accordance with local regulations. Never return spills in original containers for re-use.

6.4. Reference to other sections

For personal protection see section 8., For disposal instructions see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Use only according to our recommendations. Use only clean equipment. Do not breathe vapours or spray mist. Wear personal protective equipment. For personal protection see section 8. Provide adequate ventilation. When opening containers, avoid breathing vapours that may be emanating. Prepare the working solution as given on the label(s) and/or the user instructions. Use prepared working solution as soon as possible - Do not store. To avoid spills during handling keep bottle on a metal tray. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Never return unused material to storage receptacle. Avoid exceeding the given occupational exposure limits (see section 8).

Advice on protection against fire and explosion : Keep away from heat and sources of ignition. Take measures to prevent the build up of electrostatic charge.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in a place accessible by authorized persons only. Store in original container. Keep in properly labelled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

Advice on common storage : No special restrictions on storage with other products.

Other data : Stable under recommended storage conditions.

7.3. Specific end use(s)

Plant protection products subject to Regulation (EC) No 1107/2009.



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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

If sub-section is empty then no values are applicable.

8.2. Exposure controls

- Engineering measures : Ensure adequate ventilation, especially in confined areas. Use sufficient ventilation to keep employee exposure below recommended limits.
- Eye protection : Safety glasses with side-shields conforming to EN166 Additionally wear a face shield where the possibility exists for face contact due to splashing, spraying or airborne contact with this material.
- Hand protection : Material: Nitrile rubber
Glove thickness: 0,4 - 0,7 mm
Glove length: Gauntlets of 35 cm long or longer.
Protection index: Class 6
Wearing time: > 480 min
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Gauntlets of 35 cm long or longer shall be worn over the combination sleeve. Before removing gloves clean them with soap and water.
- Skin and body protection : Manufacturing and processing work: Full protective clothing Type 6 (EN 13034)

Mixer and loaders must wear: Full protective clothing Type 6 (EN 13034)
Rubber apron Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

Spray application - outdoor: Tractor / sprayer with hood: No personal body protection normally required.

Tractor / sprayer without hood: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

Backpack / knapsack sprayer: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

When exceptional circumstances require an access to the treated area before the end of re-entry periods, wear full protective clothing Type 6 (EN 13034), nitrile rubber gloves class 3 (EN 374) and nitrile rubber boots (EN 13832-3 / EN ISO 20345).



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To optimize the ergonomics it may be recommended to use cotton underwear when wearing some fabrics. Take advice from supplier.
Garment materials that are resistant to both water vapour and air will maximise wearing comfort. Materials should be robust to maintain the integrity and barrier in use.
The permeation resistance of the fabric must be verified independently of the « type » protection recommended, to ensure an appropriate performance level of the material adequate to the corresponding agent and type of exposure.

- Protective measures** : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage or if contaminated. Only protected handlers may be in the area during application.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing. Keep working clothes separately. Contaminated work clothing should not be allowed out of the workplace. Wash hands and face before breaks and immediately after handling the product. When using do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Remove clothing/PPE immediately if material gets inside. For environmental protection remove and wash all contaminated protective equipment before re-use. Dispose of rinse water in accordance with local and national regulations.
- Respiratory protection** : Manufacturing and processing work: Half mask with vapour filter A1 (EN 141)
Mixer and loaders must wear: Half mask with vapour filter A1 (EN 141)
Spray application - outdoor: Tractor / sprayer with hood: No personal respiratory protective equipment normally required.
Tractor / sprayer without hood: Half mask with a particle filter FFP1 (EN149)
Backpack / knapsack sprayer: Half mask with a particle filter P1 (EN 143).
Mechanical automatized spray application in closed tunnel: No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Form : liquid
- Colour : off-white
- Odour Threshold : no data available
- pH : no data available



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Melting point/freezing point	: no data available
Boiling point/boiling range	: no data available
Flash point	: > 200 °F
Self-Accelerating decomposition temperature (SADT)	: no data available
Flammability (solid, gas)	: no data available
Ignition temperature	: no data available
Thermal decomposition	: no data available
Oxidizing properties	: The product is not oxidizing.
Explosive properties	: Not explosive
Lower explosion limit/ Lower flammability limit	: no data available
Upper explosion limit/ upper flammability limit	: no data available
Vapour pressure	: no data available
Density	: no data available
Relative density	: 1,09
Bulk density	: no data available
Water solubility	: emulsifiable
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Solubility in other solvents	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

9.2. Other information

No other data to be specially mentioned.



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SECTION 10: Stability and reactivity

- 10.1. Reactivity** : No hazards to be specially mentioned.
- 10.2. Chemical stability** : The product is chemically stable under recommended conditions of storage, use and temperature.
- 10.3. Possibility of hazardous reactions** : The hazardous reactivity of this material is unknown. Do not mix with other materials unless specifically instructed to do so under the guidance of a trained chemist.
- 10.4. Conditions to avoid** : To avoid thermal decomposition, do not overheat. Protect from frost.
- 10.5. Incompatible materials** : No materials to be especially mentioned.
- 10.6. Hazardous decomposition products** : No materials to be especially mentioned.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

|| LD50 / Rat : > 5 000 mg/kg
Information source: Internal study report

Acute inhalation toxicity

|| LC50 / Rat : > 2,6 mg/l
Information source: Internal study report

Acute dermal toxicity

|| LD50 / Rat : > 5 000 mg/kg
Information source: Internal study report

Skin irritation

|| Rabbit
Exposure time 24 h
No significant adverse effects were reported Information source: Internal study report

Eye irritation

|| Rabbit
Classification: No eye irritation
Exposure time 24 h
No significant adverse effects were reported Information source: Internal study report

Sensitisation

- Zoxamide
Guinea pig



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Classification: May cause sensitisation by skin contact.
Result: May cause sensitisation by skin contact.
Method: US EPA Test Guideline OPP 81-6
Information source: Data provided by an external source.

- Oxathiapiprolin
Guinea pig Maximisation Test
Result: Did not cause sensitisation on laboratory animals.
Method: OECD Test Guideline 406
Information source: Internal study report
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
Guinea pig
Classification: Does not cause skin sensitisation.
Result: Does not cause skin sensitisation.
Method: OECD Test Guideline 406
Information given is based on data obtained from similar substances.

Repeated dose toxicity

- Zoxamide
Ingestion multiple species
Exposure time: 90 d
Method: OPPTS 870.3100
No toxicologically significant effects were found., Information source: Data provided by an external source.

Dermal Rat
Exposure time: 28 d
Method: OPPTS 870.3200
No toxicologically significant effects were found., Information source: Data provided by an external source.

- Oxathiapiprolin
Oral - feed Rat
Method: OECD Test Guideline 407
No toxicologically significant effects were found., Organ weight changes, Information source: Internal study report

Oral - feed Dog
Minimal effects that do not meet the threshold for classification., Organ weight changes, Information source: Internal study report

- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
Ingestion Rat
Exposure time: 90 d
No toxicologically significant effects were found.

Inhalation Rat
Exposure time: 90 d
Method: OECD Test Guideline 413
No toxicologically significant effects were found.

Skin contact Rat
Exposure time: 28 d
Method: OECD Test Guideline 410



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No toxicologically significant effects were found.

Mutagenicity assessment

- Zoxamide
Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
- Oxathiapiprolin
Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Animal testing did not show any mutagenic effects.
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Information given is based on data obtained from similar substances.

Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Information given is based on data obtained from similar substances.

Carcinogenicity assessment

- Zoxamide
Animal testing did not show any carcinogenic effects.
- Oxathiapiprolin
Animal testing did not show any carcinogenic effects.
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
Weight of evidence does not support classification as a carcinogen Overall weight of evidence indicates that the substance is not carcinogenic. Information given is based on data obtained from similar substances.

Not classifiable as a human carcinogen. Overall weight of evidence indicates that the substance is not carcinogenic. Information given is based on data obtained from similar substances.

Toxicity to reproduction assessment

- Zoxamide
No toxicity to reproduction Animal testing showed no reproductive toxicity.
- Oxathiapiprolin
No toxicity to reproduction Minimal effects that do not meet the threshold for classification. Slight delays in maturation observed in rats.
- Calcium dodecylbenzenesulfonate
No toxicity to reproduction Animal testing showed no reproductive toxicity. Information given is based on data obtained from similar substances.
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
Weight of evidence does not support classification for reproductive toxicity Evidence suggests the substance is not a reproductive toxin in animals. No effects on or via lactation Information given is based on data obtained from similar substances.

No toxicity to reproduction No effects on or via lactation Animal testing showed no reproductive toxicity. Information given is based on data obtained from similar substances.



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Assessment teratogenicity

- Zoxamide
Animal testing showed no developmental toxicity.
- Oxathiapiprolin
Animal testing showed no developmental toxicity.
- Calcium dodecylbenzenesulfonate
Animal testing showed no developmental toxicity. Information given is based on data obtained from similar substances.
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity. Information given is based on data obtained from similar substances.

Animal testing showed no developmental toxicity. Information given is based on data obtained from similar substances.

STOT - single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish

- Zoxamide
LC50 / 96 h / Oncorhynchus mykiss (rainbow trout): 0,16 mg/l
Information source: Data provided by an external source.
- Oxathiapiprolin
static test / LC50 / 96 h / Oncorhynchus mykiss (rainbow trout): > 0,69 mg/l
Method: OECD Test Guideline 203
No acute toxicity effects at concentrations up to the limit of aqueous solubility Information source: Internal study report
- Calcium dodecylbenzenesulfonate
LC50 / 48 h / Cyprinus carpio (Carp): 2,8 mg/l
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
LC50 / 96 h / Oncorhynchus mykiss (rainbow trout): 2 mg/l
Method: OECD Test Guideline 203



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Toxicity to aquatic plants

- Zoxamide
static test / ErC50 / 96 h / Desmodesmus subspicatus (green algae): 0,018 mg/l
Method: OECD Test Guideline 201
no data available Information source: Data provided by an external source.
- Oxathiapiprolin
ErC50 / 96 h / Pseudokirchneriella subcapitata (green algae): > 0,142 mg/l
No acute toxicity effects at concentrations up to the limit of aqueous solubility Information source: Internal study report
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
EC50 / 72 h / Pseudokirchneriella subcapitata (green algae): 1 mg/l
Method: OECD Test Guideline 201

NOEC / 96 h / Pseudokirchneriella subcapitata (green algae): 0,4 mg/l
Method: OECD Test Guideline 201
Information given is based on data obtained from similar substances.

Toxicity to aquatic invertebrates

- Zoxamide
EC50 / 48 h / Americamysis bahia (mysid shrimp): 0,075 mg/l
Information source: Data provided by an external source.
- Oxathiapiprolin
EC50 / 48 h / Daphnia magna (Water flea): 0,67 mg/l
Method: OECD Test Guideline 202
Information source: Internal study report
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
EC50 / 48 h / Daphnia magna (Water flea): 3 mg/l
Method: OECD Test Guideline 202

Toxicity to other organisms

- Zoxamide
LD50 / 48 h / Apis mellifera (bees): > 100 µg/bee
Method: OPPTS 850.3020
Contact Information source: Data provided by an external source.
- Oxathiapiprolin
Apis mellifera (bees): >42.02 µg/b
Method: OECD Test Guideline 213
Oral Information source: Internal study report

Apis mellifera (bees): >104.39 µg/b
Method: OECD Test Guideline 214
Contact Information source: Internal study report

Chronic toxicity to fish



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- Zoxamide
NOEC / 95 d / Oncorhynchus mykiss (rainbow trout): 0,00348 mg/l
Information source: Data provided by an external source.
- Oxathiapiprolin
Early Life-Stage / NOEC / 35 d / Cyprinodon variegatus (sheepshead minnow): 0,34 mg/l
Method: US EPA Test Guideline OPPTS 850.1400
Information source: Internal study report

Chronic toxicity to aquatic Invertebrates

- Zoxamide
NOEC / 21 d / Daphnia magna (Water flea): 0,039 mg/l
Information source: Data provided by an external source.
 - Oxathiapiprolin
Semi-Static-Life-Cycle / NOEC / 21 d / Daphnia magna (Water flea): 0,75 mg/l
Method: OECD Test Guideline 211
Information source: Internal study report
- flow-through test / NOEC / 32 d / Americamysis bahia (mysid shrimp): 0,058 mg/l
Method: OPPTS 850.1350
Information source: Internal study report
- Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified
NOEC / 21 d / Daphnia magna (Water flea): 0,48 mg/l
Method: OECD Test Guideline 211
Information given is based on data obtained from similar substances.

12.2. Persistence and degradability

Biodegradability

|| Not readily biodegradable. Estimation based on data obtained on active ingredient.

12.3. Bioaccumulative potential

Bioaccumulation

|| Does not bioaccumulate. Estimation based on data obtained on active ingredient.

12.4. Mobility in soil

Mobility in soil

The product is not expected to be mobile in soils.

12.5. Results of PBT and vPvB assessment

PBT and vPvB 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. Other adverse effects



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Additional ecological information

No other ecological effects to be specially mentioned

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product : In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate ponds, waterways or ditches with chemical or used container.
- Contaminated packaging : Do not re-use empty containers.
- European Waste Catalogue number : 020108: agrochemical waste containing dangerous substances

SECTION 14: Transport information

ADR

- 14.1. UN number: 3082
- 14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Oxathiapiprolin, Substituted Benzamide)
- 14.3. Transport hazard class(es): 9
- 14.4. Packing group: III
- 14.5. Environmental hazards: Environmentally hazardous
- 14.6. Special precautions for user:
Tunnel restriction code: (-)

IATA_C

- 14.1. UN number: 3082
- 14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Oxathiapiprolin, Substituted Benzamide)
- 14.3. Transport hazard class(es): 9
- 14.4. Packing group: III
- 14.5. Environmental hazards : Environmentally hazardous
- 14.6. Special precautions for user:
DuPont internal recommendations and transport guidance: ICAO / IATA cargo aircraft only

IMDG

- 14.1. UN number: 3082
- 14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Oxathiapiprolin, Substituted Benzamide)
- 14.3. Transport hazard class(es): 9
- 14.4. Packing group: III
- 14.5. Environmental hazards : Marine pollutant
- 14.6. Special precautions for user:
No special precautions required.



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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

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

Major Accident Hazard Legislation

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

ENVIRONMENTAL HAZARDS

Quantity: 100 t, 200 t

Other regulations :

The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008.

Take note of Dir 94/33/EC on the protection of young people at work.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 96/82/EC on the control of major-accident hazards involving dangerous substances.

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

This product is in full compliance according to REACH regulation 1907/2006/EC.

15.2. Chemical safety assessment

The mixture is evaluated within the frame of the provisions of Regulation (EC) No. 1107/2009.
A Chemical Safety Assessment is not required for this/these product(s).

SECTION 16: Other information

Full text of H-Statements referred to under section 3.

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Other information For Experimental Use Only



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Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
CAS-No.	Chemical Abstracts Service number
CLP	Classification, Labelling and Packaging
EbC50	Concentration at which 50% reduction of biomass is observed
EC50	Median effective concentration
EN	European Norm
EPA	Environmental Protection Agency
ErC50	Concentration at which a 50% inhibition of growth rate is observed
EyC50	Concentration at which 50 % inhibition of yield is observed
IATA_C	International Air Transport Association (Cargo)
IBC	International Bulk Chemical Code
ICAO	International Civil Aviation Organization
ISO	International Standard Organization
IMDG	International Maritime Dangerous Goods
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest observed effect level
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No observed adverse effect level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
OPPTS	Office of Prevention, Pesticides and Toxic Substances
PBT	Persistent, Bioaccumulative and Toxic
STEL	Short term exposure limit
TWA	Time Weighted Average (TWA):
vPvB	very Persistent and very Bioaccumulative

Restrictions on use

For research use only.

Further information

Take notice of the directions of use on the label.

Before use read DuPont's safety information.

This material is imported and/or used within the scope of Article 1(2) (d) of Regulation (EC) No. 1272/2008, referring to substances and mixtures for scientific research and development, which are not placed on the market.

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Note: The classification of substances listed in Annex VI to the CLP regulation are derived from assessment of the best knowledge and information available at the time of its publication or subsequent amendments. The information on components provided in sections 11 and 12 of this safety data sheet may in some cases not align with a legally binding classification on the basis of technical progress and availability of new information.

Significant change from previous version is denoted with a double bar.



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