

**VYDATE 10L**Ref. 130000000183  
Version 2.2 (replaces: Version 2.1)Revision Date 09.08.2019  
Issue Date 09.08.2019

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 : VYDATE 10L  
Synonyms : B11553638  
DPX-D1410-397**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Mixture : Insecticide, Nematicide

**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

E-mail address : SDS@Corteva.com

**1.4. Emergency telephone number**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****Classification according to Regulation (EU) 1272/2008 (CLP)**Acute toxicity, Category 2 H300: Fatal if swallowed.  
Acute toxicity, Category 3 H331: Toxic if inhaled.  
Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.**2.2. Label elements****Labelling according to Regulation (EU) 1272/2008 (CLP)**

Danger

H300 Fatal if swallowed.  
H331 Toxic if inhaled.

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H412	Harmful 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	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P273	Avoid release to the environment.
P301 + P310 + P330	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.
P304 + P340 + P311	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

**Labelling according to EU Directives 67/548/EEC or 1999/45/EC**

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).
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**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**

Classification according to Directive 67/548/EEC	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration
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**Oxamyl (CAS-No.23135-22-0) (EC-No.245-445-3)**

T+;R26/28 Xn;R21 N;R50/53 R67	Acute Tox. 1; H300 Acute Tox. 2; H330 Acute Tox. 4; H312 STOT SE 3; H336 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	10 %
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For the full text of the R-phrases mentioned in this Section, see Section 16.  
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 : Call a physician or poison control centre immediately. If breathing is irregular or stopped, administer artificial respiration. Never give anything by mouth to an

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- unconscious person.
- : Contains an N-methyl carbamate that inhibits cholinesterase. This product contains an anticholinesterase compound. Do not use if under medical advice not to work with such compounds.
- Inhalation : Move to fresh air. Oxygen or artificial respiration if needed. Call a poison control center or doctor for treatment advice.
- 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. If after contact with the skin signs of poisoning appear, call a physician or poison control centre immediately. 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 : Call a physician or poison control centre immediately. If swallowed, drink 1 or 2 glasses of water and try once or twice to induce vomiting by touching the back of throat with finger. Induce vomiting, but only if victim is fully conscious. Rinse mouth with water.

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

- Risks : This product contains an anticholinesterase compound. Do not use if under medical advice not to work with such compounds. Allow no further exposure to any cholinesterase inhibitor until full recovery is assured.
- Symptoms : Poisoning produces effects associated with anticholinesterase activity which may include:
- : Weakness, Blurred vision, Breathing difficulties, Nausea, Headache, Abdominal pain, discomfort in the chest, constriction of pupils, slow pulse, sweating, muscle twitching

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

- Treatment : Administer atropine sulphate as an antidote until complete atropinisation (1.2-2.0 mg i.v. every 10-30 minutes). 2-PAM may be used as an antidote in conjunction with atropine sulphate but must not be used alone.
- : Contraindication: Oximes (pralidoxime), succinylcholine and other cholinergic agents, respiratory stimulants and physostigmine. Morphine therapy is contraindicated.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray, Dry chemical, Foam, Carbon dioxide (CO<sub>2</sub>)
- Extinguishing media which shall not be used for safety reasons : High volume water jet, (contamination risk)

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**5.2. Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO<sub>2</sub>) Nitrogen oxides (NO<sub>x</sub>)

**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 : Evacuate personnel to safe areas. 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 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 : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

**6.4. Reference to other sections**

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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. Wear personal protective equipment. For personal protection see section 8. Use only clean equipment. Provide adequate ventilation. Avoid inhalation of vapour or mist. 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.

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 : Keep locked up. 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 feedings.

Advice on common storage : Keep away from: Strong acids and strong bases

Storage temperature : > 0 °C

Other data : Do not freeze.

#### 7.3. Specific end use(s)

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

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

If sub-section is empty then no values are applicable. For further information on any control parameters provided, please refer to the relevant regulation.

#### Components with workplace control parameters

Type Form of exposure	Control parameters (Expressed as)	Update	Regulatory basis
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#### Triethylamine (CAS-No. 121-44-8)

Limit Value - eight hours	8,4 mg/m <sup>3</sup> 2 ppm	2000-06-16	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
Short term exposure limit	12,6 mg/m <sup>3</sup> 3 ppm	2000-06-16	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
8-hour, time-weighted average	0,5 ppm	2016-03-01	USA. ACGIH Threshold Limit Values (TLV)
Short-term exposure limit	1 ppm	2016-03-01	USA. ACGIH Threshold Limit Values (TLV)

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### Biological Limits

- Oxamyl : Control parameters: cholinesterase (red blood cells)  
Material: Blood  
Update: 2011-08-29  
Regulatory basis: Israel. Safety at Work Regulations - Annex III Biological Exposure Indices
- : Control parameters: cholinesterase (red blood cells)  
Material: Blood  
Update: 2011-08-29  
Regulatory basis: Israel. Safety at Work Regulations - Annex III Biological Exposure Indices

### 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
- 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: 8 h  
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 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. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Gauntlets shorter than 35 cm long shall be worn under the combination sleeve. 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 5 (EN 13982-2)  
Mixer and loaders must wear: Full protective clothing Type 5 + 6 (EN ISO 13982-2 / 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: Low application: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).  
Middle-height application: Full protective clothing Type 3 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).  
High application: Full protective clothing Type 3 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).  
Backpack / knapsack sprayer: Low application: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).  
Middle-height application: Full protective clothing Type 3 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

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High application: Full protective clothing Type 3 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

Mechanical automatized spray application in closed tunnel: No personal body protection normally required.

Drip irrigation: No personal body protection normally required.

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).

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 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.  
Take a shower immediately after the end of work. Separate rooms are required for washing, showering and changing clothes.
- Respiratory protection** : Manufacturing and processing work: Half mask with vapour filter A3 (EN 141)  
Mixer and loaders must wear: Half mask with vapour filter A3 (EN 141)  
Spray application - outdoor: Tractor / sprayer with hood: No personal respiratory protective equipment normally required.  
Tractor / sprayer without hood: Half mask with combination filter A2/P3 (EN 141)  
Backpack / knapsack sprayer: Half mask with combination filter A2/P3 (EN 141)  
Mechanical automatized spray application in closed tunnel: No personal respiratory protective equipment normally required.  
Drip irrigation: 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 : dark green
- Odour : slight, sulphurous

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Odour Threshold	: not determined
pH	: 3,5 at 10 g/l ( 20 °C)
Melting point/range	: Not applicable
Boiling point/boiling range	: Not available for this mixture.
Flash point	: > 100 °C
Self-Accelerating decomposition temperature (SADT)	: no data available
Flammability (solid, gas)	: Does not sustain combustion.
Ignition temperature	: no data available
Thermal decomposition	: Not available for this mixture.
Oxidizing properties	: The product is not oxidizing.
Explosive properties	: Not explosive
Lower explosion limit/ Lower flammability limit	: Not available for this mixture.
Upper explosion limit/ upper flammability limit	: Not available for this mixture.
Vapour pressure	: Not available for this mixture.
Density	: 1,023 g/cm <sup>3</sup> at 25 °C
Relative density	: no data available
Bulk density	: no data available
Water solubility	: soluble
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: not auto-flammable
Solubility in other solvents	: no data available
Viscosity, dynamic	: 2 mPa.s at 25 °C, 30 rpm
Viscosity, kinematic	: no data available
Relative vapour density	: Not available for this mixture.
Evaporation rate	: Not available for this mixture.

**9.2. Other information**



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No other data to be specially mentioned.

**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** : No dangerous reaction known under conditions of normal use. Polymerization will not occur. No decomposition if stored and applied as directed.
- 10.4. Conditions to avoid** : Temperature : < 0 °C Protect from frost.
- 10.5. Incompatible materials** : Incompatible with strong acids and bases.
- 10.6. Hazardous decomposition products** : Sulphur oxides

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

## Acute oral toxicity

LD50 / Rat Male and female : 39 mg/kg  
Method: OECD Test Guideline 401  
(Data on the product itself) Information source: Internal study report

- Oxamyl  
LD50 / Rat : 2,5 mg/kg  
Method: OECD Test Guideline 425  
Central nervous system effects

## Acute inhalation toxicity

LC50 / 4 h Rat : 0,62 mg/l  
Method: OECD Test Guideline 403  
The toxicological data has been taken from products of similar composition. Information source: Internal study report

- Oxamyl  
LC50 / 4 h Rat : 0,056 mg/l  
Method: OECD Test Guideline 403  
Central nervous system effects

## Acute dermal toxicity

LD50 / Rabbit : > 5 000 mg/kg  
Method: OECD Test Guideline 402  
(Data on the product itself) Information source: Internal study report

- Oxamyl  
LD50 / Rabbit : > 2 000 mg/kg

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Method: US EPA Test Guideline OPP 81-2

## Skin irritation

## Rabbit

Result: No skin irritation

Method: OECD Test Guideline 404

(Data on the product itself) Information source: Internal study report

- Oxamyl

## Rabbit

Classification: No skin irritation

Result: Slight or no skin irritation

Method: OECD Test Guideline 404

Minimal effects that do not meet the threshold for classification.

## Eye irritation

## Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

(Data on the product itself) Information source: Internal study report

- Oxamyl

## Rabbit

Classification: No eye irritation

Result: Slight or no eye irritation

Method: OECD Test Guideline 405

Minimal effects that do not meet the threshold for classification.

## Respiratory or skin sensitisation

## Guinea pig Modified Buehler Test

Result: Animal test did not cause sensitization by skin contact.

Method: OECD Test Guideline 406

(Data on the product itself)

- Oxamyl

## Guinea pig

Classification: Does not cause skin sensitisation.

Result: Does not cause skin sensitisation.

Method: US EPA Test Guideline OPP 81-6

## Repeated dose toxicity

- Oxamyl

## Ingestion Rat

Exposure time: 24 Months

No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification., cholinesterase inhibition

## Skin contact Rabbit

Exposure time: 21 d

Method: US EPA Test Guideline OPP 82-2

No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification.

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## Mutagenicity assessment

- Oxamyl  
Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

## Carcinogenicity assessment

- Oxamyl  
Not classifiable as a human carcinogen. Animal testing did not show any carcinogenic effects.

## Toxicity to reproduction assessment

- Oxamyl  
No toxicity to reproduction Animal testing showed effects on reproduction at levels equal to or above those causing parental toxicity. No effects on or via lactation

## Assessment teratogenicity

- Oxamyl  
Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity.

**SECTION 12: Ecological information****12.1. Toxicity**

## Toxicity to fish

LC50 / 96 h / *Oncorhynchus mykiss* (rainbow trout): 27 mg/l  
Method: OECD Test Guideline 203  
(Data on the product itself) Information source: Internal study report

- Oxamyl  
LC50 / 96 h / *Oncorhynchus mykiss* (rainbow trout): 3,13 mg/l  
Method: OECD Test Guideline 203

## Toxicity to aquatic plants

ErC50 / 72 h / *Pseudokirchneriella subcapitata* (microalgae): 34 mg/l  
Method: OECD Test Guideline 201  
(Data on the product itself) Information source: Internal study report

- Oxamyl  
ErC50 / 72 h / *Selenastrum capricornutum* (green algae): 2,61 mg/l

NOEC / 120 h / *Selenastrum capricornutum* (green algae): 1,01 mg/l

## Toxicity to aquatic invertebrates

EC50 / 48 h / *Daphnia magna* (Water flea): 3,0 mg/l  
Method: OECD Test Guideline 202  
(Data on the product itself) Information source: Internal study report

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- Oxamyl  
EC50 / 48 h / *Daphnia pulex* (Water flea): 0,08 mg/l  
Method: OECD Test Guideline 202

## Toxicity to soil dwelling organisms

LC50 / 14 d / *Eisenia fetida* (earthworms): > 1 000 mg/kg Soil  
Method: OECD Test Guideline 207  
(Data on the product itself) Information source: Internal study report

## Toxicity to other organisms

LD50 / *Colinus virginianus* (Bobwhite quail): 11 mg/kg  
Method: US EPA Test Guideline OPPTS 850.2100  
(Data on the product itself) Information source: Internal study report

LD50 / 48 h / *Apis mellifera* (bees): 2.60 µg/b  
Method: OEPP/EPPO Test Guideline 170  
Oral (Data on the product itself) Information source: Internal study report

LD50 / 48 h / *Apis mellifera* (bees): 2.30 µg/b  
Method: OEPP/EPPO Test Guideline 170  
Contact (Data on the product itself) Information source: Internal study report

## Chronic toxicity to fish

- Oxamyl  
NOEC / 29 d / *Cyprinodon variegatus* (sheepshead minnow): 0,356 mg/l  
Method: OECD Test Guideline 210

NOEC / 61 d / *Oncorhynchus mykiss* (rainbow trout): 0,77 mg/l

Early Life-Stage / NOEC / 61 d / *Oncorhynchus mykiss* (rainbow trout): 0,77 mg/l  
Method: US EPA Test Guideline OPP 72-4  
Information source: Internal study report

## Chronic toxicity to aquatic Invertebrates

- Oxamyl  
NOEC / 28 d / *Americamysis bahia* (mysid shrimp): 0,0189 mg/l

**12.2. Persistence and degradability**

## Biodegradability

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

- Oxamyl  
Method: OECD Test Guideline 301  
Not biodegradable

**12.3. Bioaccumulative potential**

## Bioaccumulation

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

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### 12.4. Mobility in soil

Mobility in soil

Potentially mobile, but the leaching potential is mitigated by rapid degradation.

### 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

#### Additional ecological information

No other ecological effects to be specially mentioned.

See product label for additional application instructions relating to environmental precautions.

## 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.

## SECTION 14: Transport information

### ADR

14.1. UN number: 2992  
 14.2. UN proper shipping name: CARBAMATE PESTICIDE, LIQUID, TOXIC (Oxamyl)  
 14.3. Transport hazard class(es): 6.1  
 14.4. Packing group: II  
 14.5. Environmental hazards: Environmentally hazardous  
 14.6. Special precautions for user:  
 Tunnel restriction code: (D/E)

### IATA\_C

14.1. UN number: 2992  
 14.2. UN proper shipping name: Carbamate pesticide, liquid, toxic (Oxamyl)  
 14.3. Transport hazard class(es): 6.1  
 14.4. Packing group: II  
 14.5. Environmental hazards : For further information see Section 12.

14.6. Special precautions for user:  
 DuPont internal recommendations and transport guidance: Forbidden for transport by aircraft

### IMDG

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- |  |   |
|--|---|
| 14.1. UN number:   | 2992  |
| 14.2. UN proper shipping name:   | Carbamate pesticide, liquid, toxic (Oxamyl) |
| 14.3. Transport hazard class(es):  | 6.1   |
| 14.4. Packing group:   | II  |
| 14.5. Environmental hazards :  | Marine pollutant                            |
| 14.6. Special precautions for user:<br>No special precautions required.                    |   |
| 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code<br>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.

ACUTE TOXIC

Quantity: 50 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 Dir 92/85/EEC on the safety and health at work of pregnant workers.

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.

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

### SECTION 16: Other information

#### Text of R-phrases mentioned in Section 3

- |        |  |
|--------|--|
| R21    | Harmful in contact with skin.  |
| R26/28 | Very toxic by inhalation and if swallowed.   |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R67    | Vapours may cause drowsiness and dizziness.  |

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

- |      |                     |
|------|---------------------|
| H300 | Fatal if swallowed. |
|------|---------------------|

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H312	Harmful in contact with skin.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Other information professional use

### 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

### Further information

Before use read DuPont's safety information.  
Take notice of the directions of use on the label.  
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**Note:** 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.

**VYDATE 10L**

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