

Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

This Safety Data Sheet adheres to the standards and regulatory requirements of Great Britain and may not meet the regulatory requirements in other countries.

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

1.1. Product identifier

Product name	:	VYDATE [®] 10G
Synonyms	:	B10049174 DPX-D1410 10G

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

Use of the Substance/Mixture Insecticide

1.3. Details of the supplier of the safety data sheet

Company	: Du Pont (UK) Limited Wedgwood Way Stevenage, Herts. SG1 4QN United Kingdom
Telephone	: +44 (0) 1438 734 000
E-mail address	: sds-support@che.dupont.com

1.4. Emergency telephone number

Emergency telephone number : +44 (0) 8456 006 640

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute toxicity, Category 2 Acute toxicity, Category 3 Chronic aquatic toxicity, Category 3	H300: Fatal if swallowed. H331: Toxic if inhaled. H412: Harmful to aquatic life with long lasting effects.
Toxic Dangerous for the environment	R23/25: Toxic by inhalation and if swallowed. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements



(DATE[®] 10G	
vision Date 25.07.2013	Ref. 13000000049
Skull and crossbones	
Danger	
H300	Fatal if swallowed.
H331	Toxic if inhaled.
H412	Harmful to aquatic life with long lasting effects.
P261	Avoid breathing dust.
P264	Wash hands thoroughly after handling.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position
Dool	comfortable for breathing.
P321 P330	Specific treatment (see supplemental first aid instructions on this label).
P330 P403 + P233	Rinse mouth. Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/ container to an approved waste disposal plant.
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	
	stance considered to be persistent, bioaccumulating nor toxic (PBT).

SECTION 3: Composition/information on ingredients

3.1. Substances

Restricted to professional users.

not applicable

3.2. Mixtures

Registration number	Classification according to Directive 67/548/EEC	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration
xamyl (CAS-No.23135-22	2-0) (EC-No.245-445-3) T+;R26/28 Xn;R21 N;R51/53	Acute Tox. 2; H330 Acute Tox. 2; H300 Acute Tox. 4; H312 Aquatic Chronic 2; H411	10 %
	2/	14	



ion 5.0			
sion Date 25.07.2013	R	lef. 13000000049	
Cyclohexanone (CAS-No		3-631-1)	
01-2119453616-35	R10 Xn;R20	Flam. Liq. 3; H226 Acute Tox. 4; H332	5 - < 10 %
Phosphoric acid% (CAS	S-No.7664-38-2) (EC-N	No.231-633-2)	
01-2119485924-24	C;R34	Acute Tox. 4; H302	1 - < 5 %
	T;R23	Acute Tox. 3; H331	
	Xn;R21/22	Acute Tox. 4; H312 Skin Corr. 1B; H314	
are exempted, not yet reg plant protection products). For the full text of the R-ph	istered under REACH (, etc. rases mentioned in this	istration number(s) may not be provide or are registered under another regulat s Section, see Section 16. this Section, see Section 16.	
TION 4: First aid measure			
4.1. Description of first a	d measures		
General advice	physicians sho for England an	ything by mouth to an unconscious per- buld contact the National Poisons Inforr nd Wales and Tel. 08454 24 24 24 for S opped, administer artificial respiration.	mation Service: Tel. 11
		l-methyl carbamate that inhibits choline nticholinesterase compound. Do not use	
	not to work wit	th such compounds.	
Inhalation	: Move to fresh	th such compounds. air. Consult a physician after significan d/or oxygen may be necessary.	t exposure. Artificial
Inhalation Skin contact	 Move to fresh respiration and Take off conta with soap and see a physicia 	air. Consult a physician after significan	ly. Wash off immediate ation or allergic reaction
	 Move to fresh respiration and Take off conta with soap and see a physicia physician or po If easy to do, r 	air. Consult a physician after significan d/or oxygen may be necessary. minated clothing and shoes immediate plenty of water. In the case of skin irrita n. If after contact with the skin signs of	ly. Wash off immediate ation or allergic reaction poisoning appear, call open and rinse slowly a
Skin contact	 Move to fresh respiration and Take off conta with soap and see a physicia physician or point If easy to do, r gently with wat Call a physicia glasses of wat 	air. Consult a physician after significan d/or oxygen may be necessary. minated clothing and shoes immediate plenty of water. In the case of skin irrita n. If after contact with the skin signs of oison control centre immediately. remove contact lens, if worn. Hold eye o	ely. Wash off immediate ation or allergic reaction poisoning appear, call open and rinse slowly a ice/ attention.
Skin contact Eye contact	 Move to fresh respiration and Take off conta with soap and see a physicia physician or point If easy to do, r gently with wat Call a physicia glasses of wat of throat with f mouth. 	air. Consult a physician after significan d/or oxygen may be necessary. Iminated clothing and shoes immediate plenty of water. In the case of skin irrita in. If after contact with the skin signs of oison control centre immediately. remove contact lens, if worn. Hold eye of ter for 15-20 minutes. Get medical advi an or poison control centre immediately fer and try once or twice to induce vomi inger. Induce vomiting, but only if victin	ely. Wash off immediate ation or allergic reaction poisoning appear, call open and rinse slowly a ice/ attention.
Skin contact Eye contact Ingestion	 Move to fresh respiration and Take off conta with soap and see a physicia physician or point If easy to do, r gently with wat Call a physicia glasses of wat of throat with f mouth. 	air. Consult a physician after significan d/or oxygen may be necessary. Iminated clothing and shoes immediate plenty of water. In the case of skin irrita in. If after contact with the skin signs of oison control centre immediately. remove contact lens, if worn. Hold eye of ter for 15-20 minutes. Get medical advi an or poison control centre immediately fer and try once or twice to induce vomi inger. Induce vomiting, but only if victin	ely. Wash off immediate ation or allergic reaction poisoning appear, call open and rinse slowly a ice/ attention. If swallowed, drink 1 c iting by touching the ba n is fully conscious. Rin



sion 5.0	
ision Date 25.07.2013	Ref. 13000000049
	Headache, Blurred vision, constriction of pupils, slow pulse, sweating, muscle twitching
4.3. Indication of any immed	iate 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. Allow no furthe exposure to any cholinesterase inhibitor until full recovery is assured.
	Contraindication: Oximes (pralidoxime), succinylcholine and other cholinergic agents, respiratory stimulants and physostigmine. Morphine therapy is contra- indicated.
TION 5: Firefighting measure	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray, Foam, Dry chemical, Carbon dioxide (CO2)
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	: Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO2) nitrogen oxides (NOx)
5.3. Advice for firefighters	
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Further information	: Prevent fire extinguishing water from contaminating surface water or the grour 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 contained / tanks with water spray.
TION 6: Accidental release n	
6.1. Personal precautions, p	rotective equipment and emergency procedures
Personal precautions	: Evacuate personnel to safe areas. Control access to area. Avoid dust formatic Keep people away from and upwind of spill/leak. Ventilate spill area. Take precautionary measures against static discharges. Avoid contact with skin, eye and clothing. Use personal protective equipment. Avoid breathing dust. Refer protective measures listed in sections 7 and 8.
6.2. Environmental precaution	ons
	4/14



rision Date 25.07.2013	
Environmental precautions	: Prevent further leakage or spillage if safe to do so. Use appropriate containe avoid environmental contamination. Do not flush into surface water or sanita sewer system. Do not allow material to contaminate ground water system. Lo authorities should be advised if significant spillages cannot be contained. If the spill area is porous, the contaminated material must be collected for subseque 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 Sweep up or vacuum up spillage and colle in suitable container for disposal. Clean-up methods - large spillage Avoid dust formation. Knock down dust wi water spray jet. Contain spillage, pick up with an electrically protected vacuu cleaner or by wet-brushing and transfer to a container for disposal according local regulations (see section 13).
Other information	: Never return spills in original containers for re-use. Dispose of in accordance with local regulations.
6.4. Reference to other sec	tions
For personal protection see	section 8., For disposal instructions see section 13.
TION 7: Handling and stora	
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7.1. Precautions for safe ha	andling : Use only in an area equipped with a safety shower. Use only according to a
7.1. Precautions for safe ha	 andling Use only in an area equipped with a safety shower. Use only according to a recommendations. Wear personal protective equipment. Use only clean equipment. Provide appropriate exhaust ventilation at places where dust is formed. Do not breat dust or spray mist. Use prepared working solution as soon as possible - Do not store. In case of insufficient ventilation, wear suitable respiratory equipment Prepare the working solution as given on the label(s) and/or the us instructions. Avoid exceeding of the given occupational exposure limits (store)
 7.1. Precautions for safe had Advice on safe handling Advice on protection against fire and explosion 	 andling Use only in an area equipped with a safety shower. Use only according to a recommendations. Wear personal protective equipment. Use only clean equipment. Proviappropriate exhaust ventilation at places where dust is formed. Do not breat dust or spray mist. Use prepared working solution as soon as possible - Do not store. In case of insufficient ventilation, wear suitable respiratory equipment Prepare the working solution as given on the label(s) and/or the us instructions. Avoid exceeding of the given occupational exposure limits (section 8). For personal protection see section 8. Keep away from heat and sources of ignition. Avoid dust formation in confined.
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 7.1. Precautions for safe has Advice on safe handling Advice on protection against fire and explosion 7.2. Conditions for safe stor Requirements for storage 	 andling Use only in an area equipped with a safety shower. Use only according to a recommendations. Wear personal protective equipment. Use only clean equipment. Proviappropriate exhaust ventilation at places where dust is formed. Do not breat dust or spray mist. Use prepared working solution as soon as possible - Do not store. In case of insufficient ventilation, wear suitable respiratory equipmed Prepare the working solution as given on the label(s) and/or the use instructions. Avoid exceeding of the given occupational exposure limits (section 8). For personal protection see section 8. Keep away from heat and sources of ignition. Avoid dust formation in confined areas. During processing, dust may form explosive mixture in air. brage, including any incompatibilities Keep locked up or in an area accessible only to qualified or authorised person Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep out of the
 7.1. Precautions for safe has Advice on safe handling Advice on protection against fire and explosion 7.2. Conditions for safe stor Requirements for storage areas and containers 	 Inge andling Use only in an area equipped with a safety shower. Use only according to a recommendations. Wear personal protective equipment. Use only clean equipment. Provia appropriate exhaust ventilation at places where dust is formed. Do not breat dust or spray mist. Use prepared working solution as soon as possible - Do ne store. In case of insufficient ventilation, wear suitable respiratory equipmed Prepare the working solution as given on the label(s) and/or the use instructions. Avoid exceeding of the given occupational exposure limits (section 8). For personal protection see section 8. Keep away from heat and sources of ignition. Avoid dust formation in confined areas. During processing, dust may form explosive mixture in air. brage, including any incompatibilities Keep locked up or in an area accessible only to qualified or authorised persorn Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.



Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

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.

Components with workplace control parameters

Type Form of expos		Control parameters	Update	Basis	Remarks
	Suie	parameters			

Cyclohexanone (CAS-No. 108-94-1)

	A3-NO. 100-94-1)			
STEL	82 mg/m3 20 ppm	12 2011	EH40 WEL	
TWA	41 mg/m3 10 ppm	12 2011	EH40 WEL	
SKIN_DES		2007	EH40 WEL	Can be absorbed through skin.
SKIN_DES		12 2009	EU ELV	Can be absorbed through skin.
TWA	40.8 mg/m3 10 ppm	12 2009	EU ELV	Indicative
STEL	81.6 mg/m3 20 ppm	12 2009	EU ELV	Indicative

Phosphoric acid...% (CAS-No. 7664-38-2)

TWA	1 mg/m3	2007	EH40 WEL	
STEL	2 mg/m3	2007	EH40 WEL	
STEL	2 mg/m3	12 2009	EU ELV	Indicative
TWA	1 mg/m3	12 2009	EU ELV	Indicative

Biological Limits

 Cyclohexanone
 : Control parameters: cyclohexanol Material: Creatinine in urine Sampling time: End of shift. Update: 2005 Basis: UKEH40BMGV

Derived No Effect Level (DNEL)

6/14



rision Date 25.07.2013	Ref. 13000000049
Phosphoric acid%	: Type of Application (Use): Workers Exposure routes: Inhalation Health Effect: Chronic effects, Local effects Value: 2.92 mg/m3
	: Type of Application (Use): Consumer use Exposure routes: Inhalation Health Effect: Chronic effects, Local effects Value: 0.73 mg/m3
8.2. Exposure controls	
Engineering measures	: Ensure adequate ventilation, especially in confined areas. Use only in area provided with appropriate exhaust ventilation. Provide for appropriate exhaus ventilation and dust collection at machinery.
Eye protection	: Safety glasses with side-shields conforming to EN166
Hand protection	Material: Nitrile rubber Glove thickness: 0.3 mm Glove length: Standard glove type. Protection index: Class 6 Wearing time: > 480 min The selected protective gloves have to satisfy the specifications of EU Directi 89/686/EEC and the standard EN 374 derived from it. Please observe the instructions regarding permeability and breakthrough time which are provided 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 discussed with the producers of the protective gloves. Gloves must be inspec prior to use. Gloves should be discarded and replaced if there is any indicatio of degradation or chemical breakthrough. Gauntlets shorter than 35 cm long shall be worn under the combination sleeve. Before removing gloves clean th with soap and water.
Skin and body protection	: Manufacturing and processing work: Full protective clothing Type 5 (EN 1398 2) Mixer and loaders must wear: Full protective clothing Type 5 + 6 (EN ISO 13982-2 / EN 13034) Rubber apron Rubber or plastic boots Spray application outdoor: Tractor / sprayer with hood: No personal body protection normally required. Tractor / sprayer without hood: Backpack / knapsack sprayer: Rubb or plastic boots Low application (horticulture, field crops): Full protective cloth Type 4 (EN 14605) Middle-height application (vegetables, viticulture): High application (orchard, fruit trees): Full protective clothing Type 3 (EN 14605) Mechanical automatized spray application in closed tunnel: No personal body protection normally required.
Protective measures	: All Personal Protection Equipment should be checked before use to confirm i compatible with the chemicals you are handling. 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 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 durin application.
	7/14



Version 5.0 Revision Date 25.07.2013	Ref. 13000000049
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin, eyes and clothing. Avoid breathing dust or solution spray. 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. For environmental protection remove and wash all contaminated protective equipment before reuse. Remove clothing/PPE immediately if material gets inside. Dispose of rinse water in accordance with local and national regulations.
Respiratory protection	: Manufacturing and processing work: Half mask with a particle filter FFP3 (EN149) 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: Backpack / knapsack sprayer: Half mask with a particle filter P3 (EN 143). Mechanical automatized spray application in closed tunnel: No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

Colour : Odour :	: granules : blue green : slight, solvent-like : not determined	
Odour :	: slight, solvent-like : not determined	
	: not determined	
Odour Throshold		
Oddul Threshold .		
pH :	: 6.8 at 100 g/l (24 ℃)	
Melting point/range :	: Not available for this mixture.	
Flash point :	: not applicable	
Flammability (solid, gas)	: Does not sustain combustion.	
Thermal decomposition :	: Not available for this mixture.	
Auto-ignition temperature :	: Not available for this mixture.	
Oxidizing properties :	: The product is not oxidizing.	
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.	
Relative density :	: Not available for this mixture.	
8/14		



Version 5.0 Revision Date 25.07.2013	Ref. 13000000049
Bulk density	: 720 kg/m3
Water solubility	: 229 g/l at 25 ℃
Partition coefficient: n- octanol/water	: not applicable
Viscosity, dynamic	: not applicable
Relative vapour density	: Not available for this mixture.
Evaporation rate	: Not available for this mixture.
9.2. Other information	
Physchem./other information	: No other data to be specially mentioned.
SECTION 10: Stability and reactive	vity
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. Burning produces noxious and toxic fumes. No decomposition if stored and applied as directed.
10.4. Conditions to avoid	: Heating can release hazardous gases. Under severe dusting conditions, this material may form explosive mixtures in air.
10.5. Incompatible materials	: No materials to be especially mentioned.
10.6. Hazardous decomposition products	: No materials to be especially mentioned.
SECTION 11: Toxicological inform	mation
11.1. Information on toxicol	ogical effects
Acute oral toxicity	
LD50 / rat male : 43 mg/kg Method: OECD Test Guide (Data on the product itself)	
LD50 / rat female : 34 mg/ Method: OECD Test Guide (Data on the product itself)	
Acute inhalation toxicity	
LC50 / 4 h rat : 0.68 mg/l	



Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

Method: OECD Test Guideline 403 (Data on the product itself) Information source: Internal study report

Acute dermal toxicity

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

Skin irritation

rabbit Result: No skin irritation Method: OECD Test Guideline 404 (Data on the product itself)

Eye irritation

rabbit Result: No eye irritation Method: OECD Test Guideline 405 (Data on the product itself)

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)

Repeated dose toxicity

Oxamyl
 Oral - feed multiple species
 Exposure time: 15 d
 LOAEL: 0.75 mg/kg
 Reduced body weight gain, cholinesterase inhibition

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
 Did not show carcinogenic effects in animal experiments.

Not classifiable as a human carcinogen.

Toxicity to reproduction assessment

Oxamyl
 No toxicity to reproduction

10/14



Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

Assessment teratogenicity

Oxamyl

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

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

static test / LC50 / 96 h / Lepomis macrochirus (Bluegill sunfish): 47 mg/l Method: OECD Test Guideline 203 (Data on the product itself) Information source: Internal study report

Toxicity to aquatic plants

EbC50 / 72 h / Pseudokirchneriella subcapitata (green algae): 8.6 mg/l Method: OECD Test Guideline 201 (Data on the product itself) Information source: Internal study report

Toxicity to aquatic invertebrates

EC50 / 48 h / Daphnia magna (Water flea): 3.3 mg/l Method: OECD Test Guideline 202 (Data on the product itself) Information source: Internal study report

Chronic toxicity to fish

 Oxamyl Early Life-Stage / NOEC / 61 d / Oncorhynchus mykiss (rainbow trout): 0.77 mg/l

Chronic toxicity to aquatic Invertebrates

 Oxamyl flow-through test / NOEC / 21 d / Daphnia magna (Water flea): 0.0268 mg/l

12.2. Persistence and degradability

Biodegradability



Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

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

Potentially mobile, but the leaching potential is mitigated by rapid degradation in viable agricultural soils.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). / This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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: 14.2. UN proper shipping name: 14.3. Transport hazard class(es): 14.4. Packing group: 14.5. Environmental hazards: 14.6. Special precautions for user: Tunnel restriction code: 	2757 CARBAMATE PESTICIDE, SOLID, TOXIC (Oxamyl) 6.1 II Environmentally hazardous (D/E)
IATA_C	2757
14.1. UN number:	Carbamate pesticide, solid, toxic (Oxamyl)
14.2. UN proper shipping name:	6.1
14.3. Transport hazard class(es):	II
14.4. Packing group:	For further information see Section 12.
14.5. Environmental hazards :	12/14



Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

CARBAMATE PESTICIDE, SOLID, TOXIC (Oxamyl)

14.6. Special precautions for user: DuPont internal recommendations and transport guidance: ICAO / IATA cargo aircraft only

2757

6.1

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IMDG

14.1. UN number:

14.2. UN proper shipping name:

14.3. Transport hazard class(es):

14.4. Packing group:

14.5. Environmental hazards :

14.6. Special precautions for user:

- no data available
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code not applicable

SECTION 15: Regulatory information

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

Marine pollutant

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.
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15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not required for this/these products The mixture is registered as a plant protection product under Regulation (EC) No. 1107/2009. Refer to the label for exposure assessment information.

SECTION 16: Other information

Text of R-phrases mentioned in Section 3

R10 R20 R21 R21/22 R23 R26/28 R34 R51/53	Flammable. Harmful by inhalation. Harmful in contact with skin. Harmful in contact with skin and if swallowed. Toxic by inhalation. Also very toxic by inhalation and if swallowed. Causes burns. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
Full text of H-Statements referred to under section 3.		
H226 H300 H302 H312 H314	Flammable liquid and vapour. Fatal if swallowed. Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage.	

Version 5.0 Revision Date 25.07.2013

Ref. 13000000049

H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.

professional use

Other information

Restrictions on use

It is forbidden to appoint minors for work exposing them to this product.

Further information

Before use read DuPont's safety information., Take notice of the directions of use on the label. [®] Registered trademark of E.I. du Pont de Nemours and Company

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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.