

An oil in water emulsion containing 200 g/l (20.0% w/w) tebuconazole.

A broad-spectrum fungicide for the control of a wide range of diseases in wheat, oats, rye, triticale, barley, oilseed rape and field beans.

FOR USE ONLY AS A PR	OFESSIONAL FUNGICIDE
----------------------	----------------------

Crop	Maximum Individual dose (L product/ha)	Maximum Total Dose (L product/ ha/crop)	Latest Time of Application
Barley, oats, rye, triticale & wheat	1.25	2.5	End of flowering (GS 69)
Oilseed rape	1.25	1.25	End of flowering (GS 69)
Field beans	1.0	1.0	35 days before harvest

Other Specific Restrictions:

A minimum interval of 14 days applies between applications. To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

Method of application: Tractor mounted/trailed spraye

Additional Safety Phrases

Do not contaminate water with the roduct or its container (Do not clear apolication equipment near surface wher/Avoid contamination via drains from farmyards and roads).



Authorisation Holder & Marketing Company

Nufarm UK Limited Wyke Lane, Wyke, Bradford, West Yorkshire, BD12 9EJ United Kingdom

Technical Helpline telephone number +44 (0)1274 694714 24-hour emergency telephone number +44 (0)1274 696603

FOR PROFESSIONAL USE ONLY SHAKE WELL BEFORE USE PROTECT FROM FROST



xxxxxxxxx



DIRECTIONS FOR USE

GENERAL INFORMATION

ORIUS™ is a systemic fungicide. It is rapidly absorbed into the vegetative parts of the plant and then translocated through the plant. It controls a wide range of diseases in a wide range of crops. For best disease control, apply as soon as disease appears, before spread to new growth.

Application to established diseases may be less effective.

After application to wheat, some transient leaf speckling may occur, and on oats some leaf readening or scorch may be observed. These are normally outgrown and do not affect vield.

CONSULT PROCESSOR BEFORE USE ON CROPS GROWN FOR PROCESSING

DISEASES CONTROLLED

	Wheat	Barley	Oats	Rye	Triticale
Septoria tritici blotch (Zymoseptoria tritici)	R	-		•	R
Septoria glume blotch (Septoria nodorum)	С				U
Yellow Rust (Puccinia striiformis)	С	С		U	
Brown rust	С	С			
Fusarium ear blight	R				
Sooty moulds	R				O
Powdery mildew	МС	R	С	С	VC *
Crown rust			Ô		
Leaf Scald (Rhynchosporium secalis)	-	MC		MC	
C = control, MC = Moderate control, R = Reduction					

Oilseed rape

Control of: Light leaf spot, Phoma leaf spot/stem canker, Dark leaf & pod spot (Alternariaspn)

Reduction of: Stem rot (Sclerotinia sclerotiorum)

Field beans

Moderate control of: Chocolate spot and bean rust

RESISTANCE MANAGEMENT

ORIUS contains tebuconazole, a DMI funaicide (mode of action code G1 and classified as FRAC code 3).

To avoid resistance, do not apply repeated applications of ORIUS alone on the same crop against the same disease. In such situations, use an appropriate tank-mixture or alternate with another fungicide with a different mode of action. Where resistance occurs, ORIUS may not give adequate disease control. Consult the latest advice from FRAC regarding disease resistance strategies.

ORIUS contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (Myzosphaerella graminicola) which may seriously affect the performance of some products. ORIUS is not recommended for the control of this disease. For further advice on resistance management in DMIs, contact your agronomist or specialist advisor. The efficacy of this product may be affected if strains of disease pathogens

resistant or less ensitive occur at any time. As such occurrences cannot be predictions as a sibility can be accepted for the results obtained.

possible levelopment of dispases with reduced sensitivity to triazoles not be excluded or predicted Where these occur or develop, ORIUS not alive satisfactory, anti

Strains of light leaf staff in istammo azole fungicides are known to exist. To avoid develop, en a restraine, apply product protectively in response to disease for each strained by the light leaf spot is present, use a fungicide futility of alternative mode of action or mixes containing an alternative mode action when targeting other diseases such as Scientificial at marito vering.

or color, advice on resistance management, contact your agronomist or specialist advisor.

CROP SPECIFIC INFORMATION

BARLEY, OATS, RYE, TRITICALE AND WHEAT

Application Rate: 1.25 L/ha

Application Timina: Only one application should be applied

to cereals (Barley, oats, rve, triticale and wheat) before BBCH 40 (in the application window BBCH 30-39). If a second application is required before BBCH 40, an alternative product (not containing tebuconazole)

should be used.

Ear disease complex on wheat Apply soon after ear emergence to give reduction of

Botrytis, Fusarium ear blight and sooty moulds.

barley, rye and triticale; powdery mildew and crown rust in oats: Rhyncosponium in barley and rve

Yellow and brown rust on wheat, Apply at first sign of disease, this may be at any time from beginning of stem elongation (GS 30) onwards. A 2nd application may be required if disease pressure remains high. There should be a minimum interval of 2 weeks. The 2nd application should not be applied before early boot stage: flag

leaf sheath extending (GS 41).

rve and triticale

Powdery mildew in wheat, barley, Apply at first sign of disease, this may be at any time from beginning of stem elongation (GS 30) onwards.

A 2nd application may be required if disease pressure remains high. There should be a minimum interval of 2 weeks. The 2nd application should not be applied before early boot stage: flag leaf sheath extending (GS 41). Please refer to resistance section

for more details.

Water Volume: 160 - 200 L water/ha

OILSEED RAPE (spring application only)

Application Rate: 1.25 L/ha

Application Timing:

Light leaf spot Apply 1.25 L/ha as disease appears in the

spring, from the onset of stem extension. This application will also give some reduction of ringspot if present at time of application.

Alternaria spp

(dark leaf and pod spot)

Apply 1.25 L/ha as disease appears i.e. when black pin-head spots first appear on the

pods.

Sclerotinia stem rot

Apply 1.25 L/ha at early to full flower V some reduction of Scierotinia, em rot.

Water Volume: 160 - 200 L water/t

FIFI D BEANS

Application Rate:

Application Timing: Chocolate spot (Botrvtis cinereal)

Apply assalia flowering. A second spray with an alternative

product may be recoiled (3-/eell later if

disease pressure remain hia

Water Volume: 160 - 120 L water/ha

If disease pressure remains high, application of an alternative effective product may be required to maintain control and to comply with the timing restrictions necessary for ORIUS.

WATER VOLUME

Apply in 160-200 L water/ha. In cereals, in denser crops, a water volume of 300 L/ha may be required. For oilseed rape, a water volume of 400 L/ha may be required in dense crops.

Apply as a medium spray as defined by BCPC.

FOLLOWING CROPS

There are no restrictions on following crops.

MIXING

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly calibrated to give an accurate application at the correct volume. Half-fill sprayer tank with clean water. Add the required amount of ORIUS to the water and commence agitation. On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely. Add the remainder of the water whilst continuing to agitate the mixture until spraying is complete. Maintain agitation during the mixing process and continue until the spraying is complete. Do not leave in spray tank for long periods without using.

Crops should not be re-entered until spray residues are dry.

COMPANY ADVISORY INFORMATION

ACKNOWLED GMENTS

ORIUS is a registered trademark

CONDITIONS OF SUPPLY

alied by us are of bigh grade and we believe them to be suitable we cannot exércise any cop of over their mixing or use) all conditions and notes, statutory or charmer, as of the quality and fitness for any purpose oods are excluded, except in so far as such exclusion is prevented by will be accepted by us for any damage or injury whatsoever atisina Co storage, handling, application or use.

be used only in accordance with the recommendations This product is and instructic is given on the labels circumstances sentilely at users risk. on the labels provided with this pack. Use in any other

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1. Product identifier

CA Code (Nufarm): 3550 Product form-Mixture Trade name: Orius Type (Nufarm): Country Specific Ireland Country (Nufarm):

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

1.2.1. Relevant identified uses

Main use category Professional use. Industrial use

Use of the substance/mixture Fungicide

1.2.2. Uses advised against No additional information available

1.3. Details of the supplier of the safety data sheet Distributor

Nufarm UK Limited Wyke Lane Wyke BD12 9EJ Bradford - UK

T+44 (0)1274 691234 - F+44 (0) 1274691176 infouk@uk.nufarm.com

1.4. Emergency telephone number: Emergency number: +44 (0)1274 696603

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixt Classification according to Regulation (EC

Serious eve damage/eye irritation, Cate 40 Reproductive toxicity, Category 2 Hazardous to the aquatic environment Chronic Hazard, Category 1

Full text of hazard classes and H-statements: see section 16

Adverse physicochemical, human health and environmental effects Causes serious eye damage. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects. Suspected of damaging fertility or the unborn child. Causes serious eve irritation.

2.2. Label elements

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

Hazard pictoarams (CLP)



Signal word (CLP)

Wamina Hāzardous ingredients

tebuconazole (ISO), 1-(4-chlorophenyl)-4,4dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol; Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-; Butanedioic acid, sulfo-, 1,4-bis(2 ethylhexyl) ester, sodium salt; rosin;

colophony

Hazard statements (CLP)

H319 - Causes serious eve irritation. H361d - Suspected of damaging the unborn child

H410 - Very toxic to aquatic life with long lastina effécts.

Precautionary statements (CLP):

P102 - Keep out of reach of children. P201 - Obtain special instructions before use. P280 - Wear protective gloves, protective clothing, face protection, eve protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsina.

- Dispose of contents and container zardous or special waste collection in accordance with local, regional, national and/or international regulation. £UH401 - To avoid risks to human health and the environment, comply with the instructions for use.

EUH208 - Contains Propanoic acid. 2-hydroxy-, 2-ethylhexyl ester, (2S)- and rosin; colophony.

May produce an allergic reaction. 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

No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-	(CAS-No.) 186817-80-1 (EC-No.) 606-097-1 (REACH-no) 01- 2119516238-41	56-62	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
tebuconazole (ISO), 1-(4-chlorophenyl)-4,4-di- methyl-3-(1,2,4-triazol-1-yl- methylipentan-3-ol	(CAS-No.) 107534-96-3 (EC-No.) 403-640-2 (EC Index-No.) 603- 197-00-7	18-22	Acute Tox. 4 (Oral), H302 Repr. 2, H361d Aquatic Acute 1, H400 Aquatic Chronic 1, H410 (M=10)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
rosin; colophony	(CAS-No.) 8050-09-7 (EC-No.) 232-475-7 (EC Index-No.) 650-015-00-7 (REACH-no) 01-2119480418-32	2-5	Skin Sens. 1, H317
Butanedioic acid, sulfo-, 1,4-bis/2-ethylhexyll ester, sodium salt	(CAS-No.) 577-11-7 (EC-No.) 209-406-4 (REACH-no) 01-2119491296-29	2-4	Skin Irrit. 2, H315 Eye Dam. 1, H318

Full text of H-statements, see section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general:

IF exposed or concerned: Get medical advice/attention. See material safety data sheet.

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact:

Gently wash with plenty of soap and water. After contact with skin, take a off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/attention. contaminated clothing before reuse.

First-aid measures after eve contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove co lenses, if present and easy to do. Continue rinsing. If eye irrita on persists Ge medical advice/attention.

First-aid measures after ingestion:

Call a poison center or a doctor if you feel unwell. Rive mouth out with water Drink plenty of water. Do not induce vomiting

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

Symptoms/effects after inhalation: Newmode

Symptoms/effects after skin contact May see sensitisation of persons. None under normal condition

Symptoms/effects after eve contact: Eve imit in on.

Symptoms/effects after ingestion: None under normal co

4.3. Indication of any immediate medical affection special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water spray, Dry powder, Foam, Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. Avoid contact with skin and

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment: Collect spillage. Methods for cleaning up: Take up liquid spill into absorbent material.

Notify authorities if product enters sewers or public waters.

Other is a product enters sewers or public waters.

Other is a product enters sewers or public waters.

4. Reference to other sections

or funder information refer to se

"AND ING AND STOPAGE 1. Precautions for safe in maning

Pre-autions for safe moustling, ensure good ventilation of the work station.

Obtain special astructions is afore use. Do not handle until all safety precautions have been recalled and enderstood. Wear personal protective equipment. Avoid contact with sin and oves.

Hygiene measures 30 not eat, drink or smoke when using this product. Always washing after handling the product.

3.2 Cond ions for safe storage, including any incompatibilities

age conditions: Store locked up. Store in a well-ventilated place. Keep cool. Information on mixed storage: Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Special rules on packaging: Keep only in original container. Store in a closed container.

7.3. Specific end use(s)

No additional information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls

Ensure good ventilation of the work station.

Hand protection:

Protective gloves:

Type: Reusable gloves

Material: Rubber, Plastic

Eve protection:

Safety glasses, Safety goggles

Skin and body protection

Wear suitable protective clothina

Respiratory protection:

(In case of inadequate ventilation) wear respiratory protection.







Environmental exposure controls Avoid release to the environment

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid Appearance: clear Colour: Yellow Odour: Organic solvent Odour threshold: No data available 46-56 1% CIPAC MT 75.3 pH solution concentration: Relative evaporation rate (butylacetate=1): No data available Not applicable Meltina point: Freezing point: No data available Boiling point: No data available 86 °C EEC A.9 Flash point: 270 °C EEC A.15 Auto-ignition temperature: Decomposition temperature: No data available Flammability (solid, gas): Not applicable

Vapour pressure:
Relative vapour density at 20 °C:
Relative density:
Solubility:
Log Pow:
No data available

Viscosity, kinematic: 21.9 mm²/s 40° c. of e.D 114 CPAC MT 192 Viscosity, dynamic: No data ave l'abie.

Explosive properties: Product is not explosive
Oxidising properties: No add a will able
Explosive limits: No add a will able

9.2. Other information

No additional information available

10. STABILITY AND REACTIVITY 10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). High temperature.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition

products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Orius	
LD50 oral rat	> 2000 mg/kg (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat (mg/l)	> 5.4 mg/l/4h (OECD 403 method)

tebuconazole (ISO), 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)		
LD50 oral rat	1700 mg/kg	
LD50 dermal le*	> 2000 mg/kg	
c50 innelation rat (mg/l)	5.093 mg/l/4h	

b tar dioic acid, su, 1, 0	ist [*] ethylhexyl) ester, sodium salt
LD50 oral rai	3080 mg/kg
LD50 derm (rabb	> 10000 mg/kg
LC50-inhalation rat (mg/l)	20 mg/l/4h

kcu. toxic v (oral): N t classified. Acurefoxicity (dermal): Not classified. Acute toxicity (inhalation):

Not classified Skin corrosion/irritation:

rabbit (Based on available data, the classification criteria are not met)

pH: 4.6 - 5.6

Serious eye damage/irritation:

rabbit

pH: 4.6 - 5.6

Respiratory or skin sensitisation:

scapinalety of single statements. Gainea pig (Based on available data, the classification criteria are not met). Germ cell mulagenicity:

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

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

Suspected of damaging the unborn child.

tebuconazole (ISO), 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96-3)	
NOAEL (animal/male, FO/P)	72.3 ma/ka rat

STOT-single exposure:

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

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

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

Orius	
Viscosity, kinematic	21.9 mm²/s 40°C; OECD 114 CIPAC MT 192

12. ECOLOGICAL INFORMATION 12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Orius		
LC50 96h fish	19.7 mg/l Oncorhynchus mykiss; OECD 203	
EC50 48h crustacea	29.5 mg/l OECD 202	
EC50 72h algae	15.5 mg/l Scenedesmus Subspicatus; OECO 20.	
Additional Ecotox information		

tebuconazole (ISO), 1-(4-chlorophenyl)-4,4-c. neth; -3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (107534-96)		
LC50 96h fish	4.4 mg/l Oncorn, ochy, mykiss (Rainbow fro ut)	
EC50 48h crustacea	2.79 mg	
EC50 72h algae	2.83 mg/l Seleneurum caprice runem	
ErC50 (algae)	0.144 mg/Lemna gibbo (5. skw.ped); 1) d	
Additional Ecotox information		
Birds (Bobwhite quait) Oral LD50 1988 mg/kg Apis mellifera (bees) Oral LD50 83.05µg/bee; 2d Apis mellifera (bees) Contact LD50: > 200 µg/bee, 2d		

Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)- (186817-80-1)
Additional Ecotox information

Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (577-11-7)		
LC50 96h fish	20 - 40 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (semi-static))	
LC50 96h fish	< 24 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]]	
EC50 48h crustacea	36 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Additional Ecotox information		

rosin; colophony (8050-09-7)	
Addition of Ecotox information	

12 2. Pers. tence and degradability

froucon azole (ISO), 1-(4-cf for phenyl)-4,4-dimethyl-3-(1,2,4-triazoly, nethyl)pentan-3-o, 1075 (4-96-3)	
rersistence and degrae ability	Not readily biodegradable.
Biodegradation	DT50 365d (Water); 34.8d (Soil)

12.3. Pioaccumulative potential

te. ucor uzole (ISO), 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-, 'mernyl)pentan-3-ol (107534-96-3)		
Bioconcentration factor (BCF REACH)	78	
Log Pow	3.7 20°C; pH7	
Bioaccumulative potential	No bioaccumulation.	

Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (577-11-7)	
BCF fish 1	3.47 - 3.78

12.4. Mobility in soil

Orius	
Surface tension	31.1 mN/m 20.2°C; EEC A.5 OECD 115

tebuconazole (ISO), 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazoylmethyl)pentan-3-ol (107534-96-3)	
Mobility in soil	Koc 769

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13. DISPOSAL CONSIDERATIONS 13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. TRANSPORT INFORMATION

In accordance with ADR/RID/IMDG/IATA/ADN

14.1. UN number 3082

14.2. UN proper shipping name

ADR	IMDG	IATA
ENVIRONMENTALLY	ENVIRONIMENTALLY	Environmentally
HAZARDOUS SUBSTANCE,	HAZARDOUS SUBSTANCE,	hazardous substance,
LIQUID, N.O.S.	LIQUID, N.O.S.	liquid, n.o.s.
(Tebuconazole)	(Tebuconazole)	(Tebuconazole)

Transport document description

iransport document descr		
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tebuconazole), 9, III, [-]	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tebuconazole), 9, III, MARINE POLLUTANT	UN 3082 Environm atally hazardous substance, liquid, n.o (Tebucori, zole), 9, III

14.3. Transport hazard class(es)



14.4. Packaging group

14.5. Environmental hazards

ADR	IMDG	IATA
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available		ailable

14.6. Special precautions for user Overland transport

Classification code (ADR): Special provisions (ADR): Limited quantifies (ADR): Excepted quantifies (ADR): Packing instructions (ADR): Special pocking provisions (ADR): Myxed packing provisions (ADR): Portable tank and bulk container instructions (ADR): Portable tank and bulk container instructions (ADR): Portable tank and bulk container special provisions (ADR): Tank code (ADR): Vehicle for tank carriage: Transport actegory (ADR): Special provisions for carriage - Packages (ADR): Special provisions for carriage -	M6 274, 335, 375, 601 51 F1 P001, IBC03, LP01, R0 PP1 MP19 T4 T71, TP29 LGBV AT 3
Packagės (ADR):	VI2
Special provisions for carriage - Loading, unloading and banding (ADR): Hazard identification no ober (Kemler No.): Orange plate	CV13 90



Turnel replaction code (ADE

ransport by sea	
Special provisions (IIIIDO):	274, 335, 969
imited quantitie "MD(<u>5</u> L
xcepted gur nitites "Mbg/:	El .
Packing instructions (Lips):	P001, LP01
Special packing and visions (IMDG): BC packing instructions (IMDG):	1111
BC 3-6 (G ITSITUCIOTS (IMDG):	IBC03
far (instru, ions (IMDG):	TDO TDOO
ani roeci il provisions (IMDG):	TP2, TP29
STNOTIFIE):	F-A
mistrio. (Spillage): Stowage category (IMDG):	3-Γ Δ

Air transpor

Air transport	
PCA Excepted quantities (IATA):	El
PCA Limited guantities (IATA):	Y964
PCA limited quantity max net quantity (IATA):	30kaG
PCA packing instructions (IATA):	964
PCA packing instructions (IATA): PCA max net quantity (IATA):	450L
CAO packing instructions (IATA):	964
CAO max net quantity (IATA):	450L
Special provisions (IATA).	A97, A158, A197
FRG code (IATA):	91

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code $\,$

Not applicable

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

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

Contains no REACH Annex XIV substances.

15.1.2. National regulationsNo additional information available

15.2. Chemical Safety AssessmentNo chemical safety assessment has been carried out

16. OTHER INFORMATION Full text of H- and EUH-statements:

TOTAL OTTE GITG EST GIGGINGTIO.	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H36ld	Suspected of damaging the unborned.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatical with a glasting effects.
EUH208	Contains, May pladure and Vergic reaction.
EUH401	To avoid risks to human hearm and the environment, comply with the instructions for use.

