Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EC) No. 1272/2008 (CLP)
according to Regulation (EU) No. 2020/878

Trade name :	Shift		
Revision date :	23/03/2023	**Version :**	2.0.0
Print date :	23/03/2023		

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

1.1 Product identifier

Shift

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

Relevant identified uses

Fungicides for plant protection

Uses advised against

Not for uses different from those mentioned.

1.3 Details of the supplier of the safety data sheet

Supplier

Finchimica SpA

Street : Via Lazio, 13

Postal code/City : 25025 Manerbio

Telephone : (0039) 030938901

Telefax : (0039) 0309389201

Information contact : MSDS@finchimica.it

1.4 Emergency telephone number

(0039)030938901 (H. 7:30 - 17:00)

Poison Center

National non-emergency telephone number +44 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Skin Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

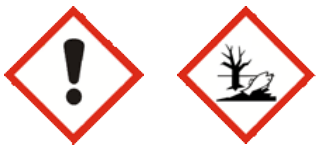
Aquatic Acute 1 ; H400 - Hazardous to the aquatic environment : Acute 1 ; Very toxic to aquatic life.

Aquatic Chronic 1 ; H410 - Hazardous to the aquatic environment : Chronic 1 ; Very toxic to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard pictograms



Exclamation mark (GHS07) · Environment (GHS09)

Signal word

Warning

Hazard components for labelling

CYPRODINIL (ISO) ; CAS No. : 121552-61-2

Hazard statements

H317 May cause an allergic skin reaction.

H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P391	Collect spillage.
P501	Dispose of contents/container to hazardous or special waste collection point.

Special rules for labelling of plant protection products

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

2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

CYPRODINIL (ISO) ; EC No. : 601-785-8; CAS No. : 121552-61-2

Weight fraction :	≥ 35 - < 40 %
Classification 1272/2008 [CLP] :	Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410
Specific Conc. Limits :	(M=10)

FLUDIOXONIL ; EC No. : 603-476-3; CAS No. : 131341-86-1

Weight fraction :	≥ 25 - < 30 %
Classification 1272/2008 [CLP] :	Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Naphthalenesulfonic acids, branched and linear butyl derivatives, sodium salt ; EC No. : 293-346-9; CAS No. : 91078-64-7

Weight fraction :	≥ 1 - < 3 %
Classification 1272/2008 [CLP] :	Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Acute Tox. 4 ; H332 STOT SE 3 ; H335

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Remove contaminated, saturated clothing immediately. Wash immediately with: Water In case of skin reactions, consult a physician. After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Remove victim out of the danger area.

4.2 Most important symptoms and effects, both acute and delayed

Never give anything by mouth to an unconscious person or a person with cramps.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing media alcohol resistant foam Carbon dioxide (CO2) Water mist

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Pyrolysis products, toxic

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear a self-contained breathing apparatus and chemical protective clothing. Do not inhale explosion and combustion gases. Remove persons to safety.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Clear spills immediately.

For non-emergency personnel

Wear a self-contained breathing apparatus and chemical protective clothing. Remove persons to safety.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

For containment

Collect in closed and suitable containers for disposal.

For cleaning up

The contaminated area should be cleaned up immediately with: Water Soak up inert absorbent and dispose as waste requiring special attention. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Avoid dust formation.

6.4 Reference to other sections

Disposal: see section 13
Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Wear personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation

Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray. Do not breathe dust.

Specific requirements or handling rules

Handle with care - avoid bumps, friction and impact.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Protect against UV-radiation/sunlight Humidity.

Requirements for storage rooms and vessels

Only use containers specifically approved for the substance/product.

Hints on joint storage

Store at least 3 metres apart from: Chemicals/products that react together readily

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

KIESELGUHR ; CAS No. : 61790-53-2

Limit value type (country of origin) :	TRGS 900 (D)
Parameter :	E: inhalable fraction
Limit value :	4 mg/m³
Remark :	Y
Version :	02/07/2021

8.2 Exposure controls

Only wear fitting, comfortable and clean protective clothing.

Personal protection equipment

Eye/face protection

Eye glasses with side protection EN 166

Skin protection

Hand protection

Tested protective gloves must be worn EN ISO 374 The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Body protection

Wash contaminated clothing prior to re-use.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : granulate

Colour : light brown

Odour : characteristic

Safety characteristics

Melting point/freezing point :			No data available		
Initial boiling point and boiling range :			No data available		
Decomposition temperature :			No data available		
Flash point :			not applicable		
Auto-ignition temperature :			224	°C	
Oxidizing properties			Not oxidizing		
Lower explosion limit :			No data available		
Upper explosion limit :			No data available		
Vapour pressure :	(50 °C)		No data available		
Bulk density :			0,55 - 0,6	kg/m³	
Relative density :	(20 °C)		No data available		
Water solubility :	(20 °C)		No data available		
pH (aqueous 1%)			9,6		
log P O/W :			No data available		

Flow time :	(20 °C)	>	90	s	DIN-cup 4 mm
Viscosity :	(20 °C)		No data available		
Odour threshold :			No data available		
Evaporation rate :			No data available		

Particle characteristics

No information available.

Flammable solids : No data available.
Flammable gases : No data available.
Explosive properties : Not explosive according to EU A.14.

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Safe handling: see section 7

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Acute oral toxicity

Parameter : LD50
Exposure route : Oral
Species : RAT FEMALE
Effective dose : > 5000 mg/kg

Parameter : LD50
Exposure route : Oral
Species : RAT MALE
Effective dose : > 5000 mg/kg

Parameter : LD50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Exposure route : Oral
Species : Rat
Effective dose : > 2000 mg/kg bw

Parameter : LD50 (FLUDIOXONIL ; CAS No. : 131341-86-1)

Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg bw

Parameter : LD50 (Naphthalenesulfonic acids, branched and linear butyl derivatives, sodium salt ; CAS No. : 91078-64-7)
Exposure route : Oral
Species : Rat
Effective dose : 1800 mg/kg
Method : OECD 401

Acute dermal toxicity

Parameter : LD50
Exposure route : Dermal
Species : RAT FEMALE
Effective dose : > 2000 mg/kg

Parameter : LD50
Exposure route : Dermal
Species : RAT MALE
Effective dose : > 2000 mg/kg

Parameter : LD50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg bw

Parameter : LD50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg bw

Parameter : LD50 (Naphthalenesulfonic acids, branched and linear butyl derivatives, sodium salt ; CAS No. : 91078-64-7)
Exposure route : Dermal
Species : Rat
Effective dose : 3000 mg/kg
Method : OECD 402

Acute inhalation toxicity

Parameter : LC50
Exposure route : Inhalation
Species : RAT FEMALE
Effective dose : > 2,51 mg/l
Exposure time : 4 hour(s)

Parameter : LC50
Exposure route : Inhalation
Species : RAT MALE
Effective dose : > 2,51 mg/l
Exposure time : 4 hour(s)

Parameter : LC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Exposure route : Inhalation
Species : Rat
Effective dose : > 1,2 mg/l
Exposure time : 4 hour(s)

Parameter : LC50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Exposure route : Inhalation
Effective dose : > 2,6 mg/l
Exposure time : 4 hour(s)

Parameter : LC50 (Naphthalenesulfonic acids, branched and linear butyl derivatives, sodium salt ; CAS No. : 91078-64-7)
Exposure route : Inhalation
Species : Rat
Effective dose : 0,382 mg/l
Exposure time : 8 hour(s)

Corrosion

Skin corrosion/irritation

Parameter : Skin corrosion/irritation
Species : Rabbit
Result : Non-irritant

Parameter : Skin corrosion/irritation (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Non-irritant

Parameter : Skin corrosion/irritation (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Non-irritant

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation
Species : Rabbit
Result : Non-irritant

Parameter : Serious eye damage/eye irritation (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Non-irritant

Parameter : Serious eye damage/eye irritation (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Non-irritant

Respiratory or skin sensitisation

Skin sensitisation

Parameter : Skin sensitisation
Species : Guinea pig
Result : Sensitising.

Parameter : Skin sensitisation (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Sensitising.

Parameter : Skin sensitisation (FLUDIOXONIL ; CAS No. : 131341-86-1)

Result : Not sensitising.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Parameter : Carcinogenicity (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Negative.

Parameter : Carcinogenicity (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Negative.

Germ cell mutagenicity

Genotoxicity

Parameter : Genotoxicity (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Negative.

Parameter : Genotoxicity (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Negative.

Reproductive toxicity

Adverse effects on sexual function and fertility

Parameter : Adverse effects on sexual function and fertility (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Negative.

Parameter : Adverse effects on sexual function and fertility (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Negative.

Adverse effects on developmental toxicity

Parameter : Adverse effects on developmental toxicity (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Negative.

Parameter : Adverse effects on developmental toxicity (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Negative.

STOT-single exposure

STOT SE 1 and 2

Parameter : STOT SE 1 and 2 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Positive.

Parameter : STOT SE 1 and 2 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Positive.

STOT-repeated exposure

STOT RE 1 and 2

Parameter : STOT RE 1 and 2 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Result : Negative.

Parameter : STOT RE 1 and 2 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Result : Positive.

Aspiration hazard
No information available.

11.2 Information on other hazards
No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter :	LC50
Species :	Oncorhynchus mykiss (Rainbow trout)
Effective dose :	1 mg/l
Exposure time :	96 hour(s)

Parameter :	LC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species :	Oncorhynchus mykiss (Rainbow trout)
Effective dose :	2,41 mg/l
Exposure time :	96 hour(s)

Parameter :	LC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species :	Lepomis macrochirus (Bluegill)
Effective dose :	2,17 mg/l
Exposure time :	96 hour(s)

Parameter :	LC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species :	Lepomis macrochirus (Bluegill)
Effective dose :	3,2 mg/l
Exposure time :	96 hour(s)

Parameter :	LC50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species :	Oncorhynchus mykiss (Rainbow trout)
Effective dose :	0,23 mg/l
Exposure time :	96 hour(s)

Parameter :	LC50 (Naphthalenesulfonic acids, branched and linear butyl derivatives, sodium salt ; CAS No. : 91078-64-7)
Species :	Danio rerio (zebrafish)
Effective dose :	> 100 mg/l
Exposure time :	96 hour(s)
Method :	OECD 203

Chronic (long-term) fish toxicity

Parameter :	NOEC (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species :	Oncorhynchus mykiss (Rainbow trout)
Effective dose :	0,083 mg/l
Exposure time :	21 day(s)

Parameter :	NOEC (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species :	Pimephales promelas (fathead minnow)

Effective dose : 0,231 mg/l
Exposure time : 36 day(s)

Parameter : NOEC (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 0,04 mg/l
Exposure time : 28 day(s)

Parameter : NOEC (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species : Pimephales promelas (fathead minnow)
Effective dose : 0,039 mg/l
Exposure time : 28 day(s)

Acute (short-term) toxicity to crustacea

Parameter : EC50
Species : Daphnia magna (Big water flea)
Effective dose : 0,2 mg/l
Exposure time : 48 hour(s)

Parameter : EC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species : Daphnia magna (Big water flea)
Effective dose : 0,033 mg/l
Exposure time : 48 hour(s)

Parameter : EC50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species : Daphnia magna (Big water flea)
Effective dose : 0,4 mg/l
Exposure time : 48 hour(s)

Parameter : EC50 (Naphthalenesulfonic acids, branched and linear butyl derivatives, sodium salt ; CAS No. : 91078-64-7)
Species : Daphnia magna (Big water flea)
Effective dose : 80 mg/l
Exposure time : 48 hour(s)
Method : OECD 202

Chronic (long-term) toxicity to aquatic invertebrate

Parameter : NOEC (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species : Daphnia magna (Big water flea)
Effective dose : 0,0082 mg/l
Exposure time : 21 day(s)

Parameter : NOEC (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species : Daphnia magna (Big water flea)
Effective dose : 0,005 mg/l
Exposure time : 21 day(s)

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : ErC50
Species : Pseudokirchneriella subcapitata
Effective dose : 2,41 mg/l
Exposure time : 72 hour(s)

Parameter : EbC50
Species : Pseudokirchneriella subcapitata
Effective dose : 0,87 mg/l
Exposure time : 72 hour(s)

Parameter : EC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species : Pseudokirchneriella subcapitata
Effective dose : 2,6 mg/l
Exposure time : 72 hour(s)

Parameter : EbC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species : Pseudokirchneriella subcapitata
Effective dose : 2,6 mg/l
Exposure time : 72 hour(s)

Parameter : ErC50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species : Selenastrum capricornutum
Effective dose : 0,33 mg/l
Exposure time : 120 hour(s)

Parameter : EbC50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species : Selenastrum capricornutum
Effective dose : 0,024 mg/l
Exposure time : 120 hour(s)

Toxicity to other aquatic plants/organisms

Parameter : ErC50
Species : Lemna gibba (swollen duckweed)
Effective dose : 9,7 mg/l
Exposure time : 7 day(s)

Parameter : EbC50
Species : Lemna gibba (swollen duckweed)
Effective dose : 3,7 mg/l
Exposure time : 7 day(s)

Parameter : EC50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species : Lemna gibba (swollen duckweed)
Effective dose : 7,71 mg/l
Exposure time : 14 day(s)

Sediment toxicity

Parameter : NOEC
Species : Folsomia candida (springtail)
Effective dose : 76 mg/kg
Exposure time : 28 day(s)

Terrestrial toxicity

Toxicity to soil macroorganisms except of arthropods

Chronical earthworm toxicity (reproduction)

Parameter :	NOEC
Species :	Eisenia fetida
Effective dose :	51,4 mg/kg soil dw
Exposure time :	28 day(s)

Toxicity to terrestrial arthropods

Insect toxicity

Parameter :	LD50
Species :	Apis mellifera (bee)
Evaluation parameter :	Dermal
Effective dose :	> 300 µg/bee
Exposure time :	24 hour(s)

Parameter :	LD50
Species :	Apis mellifera (bee)
Evaluation parameter :	Oral
Effective dose :	> 300 µg/bee
Exposure time :	48 hour(s)

Parameter :	LD50
Species :	Apis mellifera (bee)
Evaluation parameter :	Dermal
Effective dose :	> 300 µg/bee
Exposure time :	24 hour(s)

Parameter :	LD50
Species :	Apis mellifera (bee)
Evaluation parameter :	Oral
Effective dose :	> 300 µg/bee
Exposure time :	48 hour(s)

Parameter :	LD50 (CYPRODINIL (ISO) ; CAS No. : 121552-61-2)
Species :	Apis mellifera (bee)
Evaluation parameter :	Dermal
Effective dose :	> 784 µg/bee
Exposure time :	48 hour(s)

Parameter :	LD50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species :	Apis mellifera (bee)
Evaluation parameter :	Dermal
Effective dose :	> 100 µg/bee

Parameter :	LD50 (FLUDIOXONIL ; CAS No. : 131341-86-1)
Species :	Apis mellifera (bee)
Evaluation parameter :	Oral
Effective dose :	> 100 µg/bee

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil
No information available.

12.5 Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties
No information available.

12.7 Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Directive 2008/98/EC (Waste Framework Directive)
After intended use

Disposal operations
Evidence for disposal must be provided. Send to a hazardous waste incinerator facility under observation of official regulations.

SECTION 14: Transport information

14.1 UN number or ID number
UN 3077

14.2 UN proper shipping name
Land transport (ADR/RID)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CYPRODINIL (ISO) · FLUDIOXONIL)

Sea transport (IMDG)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CYPRODINIL (ISO) · FLUDIOXONIL)

Air transport (ICAO-TI / IATA-DGR)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CYPRODINIL (ISO) · FLUDIOXONIL)

14.3 Transport hazard class(es)
Land transport (ADR/RID)

Class(es) :	9
Classification code :	M7
Hazard identification number (Kemler No.) :	90
Tunnel restriction code :	-
Special provisions :	LQ 5 kg · E 1 · ADR : - (SP 375 <= 5 l/kg)
Hazard label(s) :	 9 / N

Sea transport (IMDG)

Class(es) :	9
EmS-No. :	F-A / S-F
Special provisions :	LQ 5 kg · E 1 · IMDG : - (SP 2.10.2.7 <= 5 l/kg)
Hazard label(s) :	9 / N

Air transport (ICAO-TI / IATA-DGR)

Class(es) :	9

Special provisions : E 1 · IATA : - (SP A197 <= 5 l/kg)
Hazard label(s) : 9 / N

14.4 Packing group
III

14.5 Environmental hazards
Land transport (ADR/RID) : Yes
Sea transport (IMDG) : Yes (P)
Air transport (ICAO-TI / IATA-DGR) : Yes

14.6 Special precautions for user
None

14.7 Maritime transport in bulk according to IMO instruments
None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No. 1907/2006 (REACH)
Classification according to Regulation (EC) No 1272/2008 [CLP] according to Regulation (EU) No. 2020/878
Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer. Regulation (EC) 2019/1021 [POP Regulation] Regulation (EC) No. 689/2008
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]
Legislative Decree 81/2008 and subsequent amendments
Legislative Decree 152/2006 and subsequent amendments

15.2 Chemical Safety Assessment
No information available.

SECTION 16: Other information

16.1 Indication of changes
None

16.2 Abbreviations and acronyms

ADR:	Accord européen relative au transport international des marchandises dangereuses par route
ASTM:	ASTM International, formerly known as American Society for Testing and Materials (ASTM)
EINECS:	European Inventory of Existing Commercial Chemical Substances
EC50:	Effective Concentration 50
LC50:	Lethal Concentration 50
IC50:	Inhibitor Concentration 50
NOEL:	No Observed Effect Level
DNEL:	Derived No Effect Level
DMEL:	Derived Minimum Effect Level
CLP:	Classification, Labelling and Packaging
CSR:	Chemical Safety Report
LD50:	Lethal Dose 50
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
Codice IMDG:	International Maritime Dangerous Goods code
PBT:	Persistent, bioaccumulative and toxic
RID:	Règlement concernent le transport International ferroviaire des marchandises Dangereuses

STEL:	Short term exposure limit
TLV:	Threshold limit value
TWA:	Time Weighted Average
UE:	European Union
vPvB:	Very persistent very bioaccumulative
N.D.:	No data available.
N.A.:	Not applicable
VwVwS.:	Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVwS)

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.