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

1.1. Product identifier

Trade name
Fadex F liq **0065**

Material number: 101085

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

Relevant identified uses of the substance or mixture
Industry sector : Textile processing industry
Type of use : Textile auxiliary

1.3. Details of the supplier of the safety data sheet

Identification of the company
ARCHROMATURKEY Kimya Sanayi
ve Ticaret Ltd. Şti.
Gebze Organize Sanayi Bölgesi İhsan Dede Cad. No:124 Gebze
41480 Kocaeli / TURKEY
Telephone no. : +90 262 672 12 12

Information about the substance/mixture
e-mail: PS.MSDS-Europe@archroma.com

1.4. Emergency telephone number

+49 69 2222 5285, +33 1 7211 0003 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Hazard class	Hazard category	H-phrase
Chronic aquatic toxicity	Category 3	Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Hazard statements
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
P273 Avoid release to the environment.
P501 Dispose of contents/ container to an approved waste disposal plant.

Sensitizing components / contains :
5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)
May produce an allergic reaction.

2.3. Other hazards

No additional hazards are known except those derived from the labelling.
Components identified as PBT or vPvB with a content >= 0,1 %

Name :	CAS number :	EC number:
Bumetrizole	3896-11-5	223-445-4

Contains no component identified as having Endocrine disrupting properties with a content >= 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization
benzotriazole derivative
anionic

Hazardous ingredients

Bumetrizole

Concentration :	>= 20 - <= 30 %
CAS number :	3896-11-5
EC number:	223-445-4
REACH - Registration number according to article 20(3):	01-2119971796-18-0010

GHS classification EC

Formaldehyde, reaction products with sulfonated 1,1'-oxybis[methylbenzene], sodium salts

Concentration :	>= 5 - <= 15 %
CAS number :	90387-57-8
EC number:	291-331-1

GHS classification EC

Chronic aquatic toxicity	Category 3	H412

5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

Concentration :	>= 0,0002 - < 0,0015 %
CAS number :	55965-84-9
EC number:	911-418-6

Index Number 613-167-00-5

GHS classification EC

Acute toxicity	Category 3	H301
Acute toxicity	Category 2	H330
Acute toxicity	Category 2	H310
Skin corrosion	Category 1C	H314
Skin sensitisation	Sub-category 1A	H317
Acute aquatic toxicity	Category 1	H400
Chronic aquatic toxicity	Category 1	H410
Serious eye damage	Category 1	H318

Specific concentration limits:

Skin corrosion	Category 1C	>= 0,6 %
Skin irritation	Category 2	0,06 - < 0,6 %
Eye irritation	Category 2	0,06 - < 0,6 %
Skin sensitisation	Sub-category 1A	>= 0,0015 %
Serious eye damage	Category 1	>= 0,6 %

M-Factor (Acute aquatic toxicity) :	100
M-Factor (Chronic aquatic toxicity) :	100

The text of the H-phrases is shown in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove/Take off immediately all contaminated clothing.
Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).

After inhalation

If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

After contact with skin

In case of contact, immediately flush skin with soap and plenty of water.
Call a physician if irritation persists.

After contact with eyes

Rinse immediately with plenty of water for at least 15 minutes.
Consult a physician.

After ingestion
Rinse mouth with water.
Get medical advice/ attention.

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

Symptoms
The possible symptoms known are those derived from the labelling (see section 2).

Hazards
No additional hazards are known except those derived from the labelling.

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

Treatment
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Water spray jet
Alcohol-resistant foam
Dry powder
Carbon dioxide (CO2)

Extinguishing media that must not be used for safety reasons
High volume water jet

5.2. Special hazards arising from the substance or mixture

Carbon oxides
Hydrogen chloride
Nitrogen oxides (NOx)
Sulphur oxides

5.3. Advice for firefighters

Special protective equipment for firefighting
Self-contained breathing apparatus
Full protective suit

Further information
Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment.
Ventilate the area.

6.2. Environmental precautions

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
The product should not be allowed to enter drains, water courses or the soil.

6.3. Methods and material for containment and cleaning up

Pump up larger quantities.
Dispose of absorbed material in accordance with the regulations.
Wash with plenty of water.
After processing, clean all equipment with the following:
Water

6.4. Reference to other sections

Additional information

Take up as such and consider recycling.
Do not let the liquid drain into rivers, ponds or sewer systems.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation.
Handle substance within a closed system.
With Local Exhaust Ventilation

Hygiene measures

Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing and wash it before reuse.
Do not eat, drink or smoke when using this product.
Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Keep only in the original container.

Advice on storage compatibility

Avoid storage near incompatibile agents (see section 10).
Do not store or transport together with foodstuffs

Further information on storage conditions

Keep containers tightly closed in a cool, well-ventilated place.

Storage stability

Not applicable

7.3. Specific end use(s)

No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Exposure limit values are not available.

DNEL/DMEL values

Bumetrizole
EC number: 223-445-4
CAS number : 3896-11-5

Route of exposure	Personnel	Exposure time/Effect	Value	Remarks
Inhalation	Workers	Acute systemic effects		No hazard identified
Inhalation	Workers	Long-term local effects		No hazard identified
Inhalation	Workers	Long-term local effects		No hazard identified
Inhalation	Workers	Acute local effects		No hazard identified
Dermal	Workers	Long-term systemic effects		No hazard identified
Dermal	Workers	Acute systemic effects		No hazard identified
Dermal	Workers	Long-term local effects		No hazard identified
Dermal	Workers	Acute local effects		No hazard identified
Eye contact	Workers	Local effects		No hazard identified
Inhalation	Consumers	Long-term systemic effects		No hazard identified
Inhalation	Consumers	Acute systemic effects		No hazard identified
Inhalation	Consumers	Long-term local effects		No hazard identified
Inhalation	Consumers	Acute local effects		No hazard identified
Dermal	Consumers	Long-term systemic effects		No hazard identified
Dermal	Consumers	Acute systemic effects		No hazard identified
Dermal	Consumers	Long-term local effects		No hazard identified
Dermal	Consumers	Acute local effects		No hazard identified
Oral	Consumers	Long-term systemic effects		No hazard identified
Oral	Consumers	Acute systemic effects		No hazard identified
Eye contact	Consumers	Local effects		No hazard identified

5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)
EC number: 911-418-6

CAS number : 55965-84-9

Route of exposure	Personnel	Exposure time/Effect	Value	Remarks
Inhalation	Workers	Long-term systemic effects		No hazard identified
Inhalation	Workers	Acute systemic effects		No hazard identified
Inhalation	Workers	Long-term local effects	0,02 mg/m3	Repeated dose toxicity
Inhalation	Workers	Acute local effects	0,04 mg/m3	Repeated dose toxicity
Dermal	Workers	Long-term systemic effects		No hazard identified
Dermal	Workers	Acute systemic effects		No hazard identified
Dermal	Workers	Long-term local effects		No hazard identified
Inhalation	Consumers	Long-term systemic effects		No hazard identified
Inhalation	Consumers	Acute systemic effects		No hazard identified
Inhalation	Consumers	Long-term local effects	0,02 mg/m3	Repeated dose toxicity
Inhalation	Consumers	Acute local effects	0,04 mg/m3	Repeated dose toxicity
Dermal	Consumers	Long-term systemic effects		No hazard identified
Dermal	Consumers	Acute systemic effects		No hazard identified
Dermal	Consumers	Long-term local effects		No hazard identified
Oral	Consumers	Long-term systemic effects	0,09 mg/kg	Repeated dose toxicity
Oral	Consumers	Acute systemic effects	0,11 mg/kg	Repeated dose toxicity

PNEC values

Bumetrizole
EC number: 223-445-4
CAS number : 3896-11-5

Environmental compartment	Personnel/Exposure time/Effect	Value
Fresh water	No hazard identified	
Marine water	No hazard identified	
Sewage treatment plant	No hazard identified	
Fresh water sediment	No hazard identified	
Marine sediment	No hazard identified	
Air	No hazard identified	
Soil	No hazard identified	
Secondary Poisoning	No hazard identified	

5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)
EC number: 911-418-6
CAS number : 55965-84-9

Environmental compartment	Personnel/Exposure time/Effect	Value
Fresh water		3,39 µg/l
Marine water		3,39 µg/l
Sewage treatment plant		0,23 mg/l
Fresh water sediment		0,027 mg/kg
Marine sediment		0,027 mg/kg
Air	No exposure expected	
Soil		0,01 mg/kg
Secondary Poisoning	Does not bioaccumulate.	

8.2. Exposure controls

Appropriate engineering controls
Local ventilation recommended - mechanical ventilation may be used.

General protective measures
Observe the usual precautions for handling chemicals.
Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.

Hand protection : Chemical resistant gloves
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Safety glasses

Body protection : working clothes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : liquid

Form : liquid

Colour : white yellowish

Odour : yes

Odour threshold : not available

Melting point : not available

Boiling point : approximately 100 °C

Flammability : Not applicable

Lower explosion limit :	not available
Upper explosive limit :	not available
Flash point :	no flash point up to the boiling point
Ignition temperature :	not available
Self-ignition temperature :	Not applicable
Thermal decomposition :	not available
pH value :	5 - 6 (20 °C)
Viscosity (kinematic) :	not available
Viscosity (dynamic) :	not available
Solubility in water :	(20 °C) miscible
Octanol/water partition coefficient (log Pow) :	This property is not applicable for mixtures.
Vapour pressure :	not available
Density :	1,1 g/cm3 (20 °C, 1.013 hPa)
Relative Density:	approx. 1,1 (20 °C, 1.013 hPa)
Vapour density relative to air :	not available
Particle size :	Not applicable

9.2. Other information

Explosive properties :	Explosive according to EU supply regulations : Not explosive Method : Expert judgement
Impact sensitivity :	not available
Combustion number :	Not applicable
Oxidizing properties :	Type of oxidizing effect : not oxidizing Method : Expert judgement
Evaporation rate :	not available
Minimum ignition energy :	not available
Surface tension :	not available

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3. "Possibility of hazardous reactions"

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.
Stable

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

not known

10.6. Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed

SECTION 11: Toxicological information

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

Information related to the product itself:

Acute oral toxicity :	Acute toxicity estimate 3.381 mg/kg Method : Calculation method
Acute dermal toxicity :	Acute toxicity estimate > 5.000 mg/kg Method : Calculation method
Acute inhalation toxicity :	not available
Sensitization :	None (Guinea pig) Method : OECD 406 * 1981 Buehler test
Repeated dose toxicity:	not available
Genetic toxicity in vitro :	not available
Carcinogenicity :	not available
Developmental toxicity/teratogenicity :	not available
Toxicity to reproduction/fertility :	not available
Specific target organ toxicity (STOT) - single exposure :	not available
Specific target organ toxicity (STOT) - repeated exposure :	not available

Aspiration hazard :
No data available

Information related to the component: Bumetrizole

Acute oral toxicity :	LD50 > 2.000 mg/kg (Rat) Method : OECD Test Guideline 423
Acute dermal toxicity :	LD50 > 2.000 mg/kg (Rat) Method : OECD Test Guideline 402
Irritant effect on skin :	No skin irritation (Rabbit) Method : OECD Test Guideline 404
Irritant effect on eyes :	No eye irritation (Rabbit) Method : OECD Test Guideline 405
Sensitization :	Does not cause skin sensitisation. (Guinea pig) Method : OECD Test Guideline 406
Repeated dose toxicity:	Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test. Route of application: Oral NOAEL: 1.000 mg/kg (Rat) Method : OECD Test Guideline 422
Genetic toxicity in vivo :	Dominant lethal assay Mouse (NMRI, male) oral (gavage) Method : OECD Test Guideline 478 negative Micronucleus test Chinese hamster (male and female) oral (gavage) Method : OECD Test Guideline 474 negative Chromosome aberration test in vitro Chinese hamster (male and female) oral (gavage) Method : OECD Test Guideline 475 negative
Genetic toxicity in vitro :	Test type : Chromosome aberration test in vitro Metabolic activation : with and without Result : negative Method : OECD Test Guideline 473 Test type : Ames test Metabolic activation : with and without Result : negative Method : OECD Test Guideline 471 Test type : Mammalian cell gene mutation assay Metabolic activation : with and without Result : negative Method : OECD Test Guideline 476 Read-across (Analogy)

Developmental toxicity/teratogenicity :	Route of application: oral (gavage) NOAEL: 3.000 mg/kg (Rat) NOAEL (maternal): 3.000 mg/kg (Rat) Method : OECD Test Guideline 414
Toxicity to reproduction/fertility :	NOAEL parent: 1.000 mg/kg (Rat) NOAEL F1: 1.000 mg/kg (Rat) Method : OECD Test Guideline 422

Information related to the component: 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

Acute oral toxicity :	LD50 200 mg/kg (Rat) Method : OECD Test Guideline 423
Acute dermal toxicity :	LD50 87,12 mg/kg (Rabbit) Method : OECD Test Guideline 402
Acute inhalation toxicity :	LC50 0,81 mg/l (4 h, Rat) Method : OECD Test Guideline 403
Irritant effect on skin :	Corrosive after 1 to 4 hours of exposure (Rabbit) Method : OECD Test Guideline 404
Irritant effect on eyes :	Irreversible effects on the eye (Rabbit) Method : OECD
Sensitization :	The product is a skin sensitiser, sub-category 1A. (Mouse)
Repeated dose toxicity:	Chronic oral toxicty Route of application: Oral NOAEL: 17,2 mg/kg (Rat) Method : OECD Test Guideline 453 Repeated Dose Toxicity (subchronic study) Route of application: Inhalation NOAEL: 0,34 mg/kg (Rat) LOAEL: 1,15 mg/kg (Rat) Method : OECD Test Guideline 413 Repeated Dose Toxicity (subchronic study) Route of application: Dermal NOAEL: 0,4 mg/kg (Rabbit) Method : OECD Test Guideline 411
Genetic toxicity in vivo :	Chromosome Aberration Test Mouse (CD1, male and female) oral (gavage) Method : OECD Test Guideline 475 negative
Genetic toxicity in vitro :	Test type : Bacterial reverse mutation assay Metabolic activation : with and without Result : negative Method : OECD Test Guideline 471

Test type : Mammalian cell gene mutation assay
Metabolic activation : with and without
Result : positive
Method : OECD Test Guideline 476

Developmental toxicity/teratogenicity :
Route of application: oral (gavage)
NOAEL: 15 mg/kg (Rat)
NOAEL (maternal): 15 mg/kg (Rat)
Method : OECD Test Guideline 414

Toxicity to reproduction/fertility :
Two-generation study
NOAEL parent: 30 mg/kg (Rat, male and female)
NOAEL F1: 300 mg/kg (Rat, male and female)
NOAEL F2: 300 mg/kg (Rat, male and female)
Method : OECD Test Guideline 416

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Information related to the product itself:
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2. Other information

Remarks
The mixture consists of ingredient(s) with unknown acute toxicity.

SECTION 12: Ecological information

12.1. Toxicity

Information related to the product itself:

Fish toxicity :
LC50 > 100 mg/l (96 h, Poecilia reticulata (guppy))
Method : OECD Test Guideline 203

Fish toxicity (chronic) : not available

Daphnia toxicity :
EC50 > 1.000 mg/l (24 h, Daphnia magna (Water flea))
Method : OECD Test Guideline 202

Daphnia toxicity (chronic) : not available

Algae toxicity : not available

Bacteria toxicity :
IC50 > 100 mg/l (activated sludge)
Method : ETAD method 103

Information related to the component: Bumetrizole

Fish toxicity :
LC50 > 100 mg/l (96 h, Danio rerio (zebra fish))

Method : OECD Test Guideline 203
No toxicity at the limit of solubility

Daphnia toxicity : EC50 > 100 mg/l (48 h, Daphnia magna (Water flea))
Method : OECD Test Guideline 202
No toxicity at the limit of solubility

Daphnia toxicity (chronic) : NOEC >= 10 mg/l (21 d, Daphnia magna (Water flea))
Analytical monitoring : no
Method : OECD Test Guideline 211

Algae toxicity : EC50 (Biomass) > 100 mg/l (72 h, Desmodesmus subspicatus (Scenedesmus subspicatus))
Method : Directive 87/302/EEC, part C, p. 89

Bacteria toxicity : IC50 > 100 mg/l (3 h, activated sludge, domestic)
Method : OECD Test Guideline 209

Toxicity to soil-dwelling organisms : NOEC >= 1.000 mg/kg (56 d, Eisenia fetida (earthworms))
Method : OECD Test Guideline 222

Information related to the component: 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

Fish toxicity : LC50 0,19 mg/l (96 h, Oncorhynchus mykiss (rainbow trout))
Method : EPA OPP 72-1

Fish toxicity (chronic) : NOEC >= 46,4 µg/l (35 d, Danio rerio (zebra fish))
Analytical monitoring : yes
Method : OECD Test Guideline 210

Daphnia toxicity : EC50 0,16 mg/l (48 h, Daphnia magna (Water flea))
Method : EPA OPP 72-2

Daphnia toxicity (chronic) : NOEC 0,1 mg/l (21 d, Daphnia magna (Water flea))
Analytical monitoring : yes
Method : OPP 72-4 (EPA-Guideline): Fish early life stage and aquatic invertebrates life cycle studies

Algae toxicity : EC50 (Growth rate) 19,9 µg/l (72 h, Skeletonema costatum (marine diatom))
Method : OECD Test Guideline 201

Bacteria toxicity : EC50 4,5 mg/l (3 h, activated sludge of a predominantly domestic sewage)
Method : OECD Test Guideline 209

Toxicity to soil-dwelling organisms : NOEC 8,8 mg/kg (14 d, Eisenia fetida (earthworms))
Method : OECD Test Guideline 207

NOEC 1 mg/kg (28 d, soil dwelling microorganisms)
Method : OECD 217

Toxicity to terrestrial plants : NOEC 1.000 mg/l (21 d)
Method : OECD Test Guideline 208

Sediment toxicity : Hyalella azteca (Scud)
Test type : flow-through test
Type of sediment : Artificial sediment

Duration : 28 d
NOEC
3,7 mg/l

12.2. Persistence and degradability

Information related to the product itself:

Physico-chemical eliminability : not available

Biodegradability : < 10 % (28 d, Dissolved organic carbon (DOC))
Not biodegradable
Method : OECD Test Guideline 301E

60 % (28 d)
Method : OECD 303A

Chemical oxygen demand (COD) : 810 mg/g
Method : SANDOZ internal test

Information related to the component: Bumetrizole

Biodegradability : 10 - 20 % (28 d, Carbon dioxide (CO2))
Not biodegradable
Method : OECD Test Guideline 301B

0 % (28 d, Theoretical oxygen demand)
Not biodegradable
Method : OECD Test Guideline 301C

Information related to the component: 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

Photodegradation : air
The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (Cesar models), etc.

Biodegradability : 47,6 % (28 d, Carbon dioxide (CO2))
Not readily biodegradable.
Method : OECD Test Guideline 301B

12.3. Bioaccumulative potential

Information related to the product itself:

Bioaccumulation: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Information related to the component: Bumetrizole

Bioaccumulation: Bioconcentration factor (BCF): 7.093
Method : OECD Test Guideline 305

Information related to the component: 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

Bioaccumulation: Bioconcentration factor (BCF): 54
Method : OECD Guide-line 305 E

12.4. Mobility in soil

Information related to the product itself:

Transport and distribution between environmental compartments : No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Information related to the component: Bumetrizole

Transport and distribution between environmental compartments : Adsorption/Soil (Soil)
log Koc : 4,644
The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (Cesar models), etc.

Information related to the component: 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

Transport and distribution between environmental compartments : adsorption (Soil)
Koc : 7,7
Method : OECD Test Guideline 106

12.5. Results of PBT and vPvB assessment

Information related to the product itself:

This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB).

Information related to the component: Bumetrizole

This substance is considered to be very persistent and very bioaccumulating (vPvB).

Information related to the component: 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1)

The substance is not identified as a PBT or as a vPvB substance.

12.6. Endocrine disrupting properties

Information related to the product itself:
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Information related to the product itself:

Additional ecotoxicological remarks
Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product
Dispose of in accordance with local regulations.

Uncleaned packaging
Dispose of in accordance with local regulations.
Consider recycling.

SECTION 14: Transport information

Section 14.1. to 14.5.

ADR	not restricted
ADN	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7. Maritime transport in bulk according to IMO instruments

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

Other regulations
Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

The product contains the following substance/impurity, which, according to annex XIV and XV of the REACH Regulation 1907/2006/EC, is an SVHC:
Bumetrizole

15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

SECTION 16: Other information

List of the text of the hazard statements mentioned section 3 (H-phrases) :

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Legend

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AOX	Adsorbable organic bound halogens
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	Non Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PEC	Predicted Environmental Concentration
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bioaccumulative

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