

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

1.1. Product identifier

Product form : Mixture
 Trade name : Antiescum DB79

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
 Use of the substance/mixture : Antifoaming
 Function or use category : Product for water treatments

Title	Use descriptors
Wastewater treatment (ES Ref.: Antiescum DB79)	SU6b, SU23, PROC4, PROC8a, PROC15, PROC28, ERC4

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

DERYPOL, S.A HQ:	Manufacturing:
C/Plató, n 6, Entlo, 5	C/Cal Gabatx, s/n
08021 Barcelona (Spain)	08520 Les Franqueses del Vallès (Spain)
Tel. +34 93 238 9090	Tel. +34 93 8496188
	regulatory@derypol.com

1.4. Emergency telephone number

Emergency number : +34 93 849 6188
 9:00-13:00 h 15:00-17:00 h (GMT + 1)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU > 2015: According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Aspiration hazard, Category 1 H304
 Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Danger

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Contains	: Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics; Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, <0,03% aromatics
Hazard statements (CLP)	: H304 - May be fatal if swallowed and enters airways. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Blend of hydrocarbons and organic compounds

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics	CAS-No.: 1335203-17-2 EC-No.: 934-956-3 REACH-no: 01-2119827000-58	50-≤100	Asp. Tox. 1, H304
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, <0,03% aromatics	CAS-No.: 1174522-45-2 EC-No.: 934-954-2 REACH-no: 01-2119826592-36	20-<25	Asp. Tox. 1, H304
1- Octanol substance with national workplace exposure limit(s) (DE)	CAS-No.: 111-87-5 EC-No.: 203-917-6 REACH-no: 01-2119486978-10	1-<2,5	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Paraffin waxes and hydrocarbon waxes substance with national workplace exposure limit(s) (ES, FR, PT)	CAS-No.: 8002-74-2 EC-No.: 232-315-6	0,5-<1	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If you feel unwell, seek medical advice.
First-aid measures after skin contact	: If skin irritation occurs: Get medical advice/attention. Flush with plenty of water and soap.
First-aid measures after eye contact	: Rinse thoroughly with plenty of water, also under eyelids, at least for 15 minutes. Get medical assistance. It is necessary having a safety shower in the work area.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

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

Symptoms/effects	: More detailed information: See section 11.
Symptoms/effects after ingestion	: Gastrointestinal discomfort. Repeated ingestion of the product is considered highly unlikely route of exposure if working in adequate sanitary and hygiene conditions.

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

Treat symptomatically. Any ingredient in significant proportion according to the criteria laid down in Regulation 1272/2008 is mentioned in paragraph 3.2 of this Safety Data Sheet. Get medical attention urgently.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide. Dry powder.
Unsuitable extinguishing media : Jet of Water.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Fire hazard.
Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂).

5.3. Advice for firefighters

Precautionary measures fire : Keep away from heat. Keep away from sources of ignition. Be careful to flashback of fire.
Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Prevent fire fighting water from entering the environment.
Protection during firefighting : Self-contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : See Section 8 to have information related to most appropriate personal protection equipment. See Section 13 to have information related to waste management.

6.1.1. For non-emergency personnel

Emergency procedures : Eliminate ignition sources. Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Ensure clean-up is conducted by trained personnel only. Do not touch spilled material. Have emergency equipment (for fires, spills, leaks, etc.) readily available.

6.1.2. For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent soil and water pollution. Collect contaminated extinguishing water separately and must not enter the sewage system.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

See Section 8 to have information related to most appropriate personal protection equipment.
See Section 13 to have information related to waste management.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not allow to enter into surface water or drains. Heat and ignition sources, including static electricity discharges. Extreme temperatures.

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Hygiene measures : Use normal personal hygiene and housekeeping measures when handling any chemical product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat. Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : The product may show a light sedimentation depending on the storage temperature. Below 15 - 20 °C this precipitate, but this does not mean any reduction of its performance. The product recovers its original homogeneity when it is heated to temperatures above 20°C. At 25 °C a brief gentle agitation is recommended to aid complete and quick redissolution of the product.

Incompatible materials : Neoprene. Nitrile rubber. Ethylene-Propylene rubber (EPDM) . Polypropylene (rigid).

Storage temperature : 10 – 65 °C

Packaging materials : Brass, 304 Stainless Steel, 316L Stainless Steel, Plasite 4300, Plasite 7122, Mild Steel, Fluoroelastomer, HDPE (High Density Polyethylene), Nylon, PVC, PTFE
Nylon, PVC, PTFE, Chlorosulfonated Polyethylene Rubber, Perfluoroelastomer, Chlorosulfonated chlorosulphonated, Perfluoroelastomer, Phenolic epoxy resin, 100% phenolic resin coating.

7.3. Specific end use(s)

Antifoaming.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

1- Octanol (111-87-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Octan-1-ol(LangkettigeAlkohole)
AGW (OEL TWA) [1]	106 mg/m ³
AGW (OEL TWA) [2]	20 ppm
Remark	AGS
Paraffin waxes and hydrocarbon waxes (8002-74-2)	
France - Occupational Exposure Limits	
Local name	Paraffine (cire de), fumée
VME (OEL TWA)	2 mg/m ³
Portugal - Occupational Exposure Limits	
Local name	Parafina (cera), fumos
OEL TWA	2 mg/m ³
Spain - Occupational Exposure Limits	
Local name	Cera de parafina
VLA-ED (OEL TWA) [1]	2 mg/m ³ humos

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Natural ventilation is adequate in open areas. Provide mechanical ventilation in confined spaces.

8.2.2. Personal protection equipment

Personal protective equipment:

EN 166. EN 374. EN 14605. EN 143. EN 14387.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side-shields

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses			EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Skin and body protection	
Type	Standard
	EN 14605

Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR), Butyl rubber		0.3 mm	1 (< 4.0)	EN ISO 374

Other skin protection

Materials for protective clothing:

Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

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Respiratory protection			
Device	Filter type	Condition	Standard
	ABEK-P3		EN 143, EN 14387

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Consumer exposure controls:

Be aware of your exposure to products used in your workplace and act responsibly to avoid contaminating other areas. Try to develop good health habits, check with your company responsible for help. Wash your hands and anybody area that has resulted exposed to the product before drinking, eating, using the services and end of the work period. Take off contaminated clothing and wash before reuse. You should always have a safety shower and eyewash in the area where the product is handled.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Not available
Appearance	: Slightly yellowish transparent liquid.
Odour	: Hydrocarbon odor.
Odour threshold	: Not available
Melting point	: -18 °C
Freezing point	: Not available
Boiling point	: 132.2 °C ASTM D86
Flammability	: Not available
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 92 °C ASTM D93
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 7.94 mm ² /s (40 °C, ASTM D445)
Viscosity, dynamic	: 10 mPa·s (22 °C, ASTM D2983)
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 5.1 mm Hg (37.8 °C, ASTM D5191)
Vapour pressure at 50 °C	: Not available
Density	: 0.8 – 0.9 g/cm ³
Relative density	: 0.84
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

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9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Heat, flames or sparks.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

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

Acute toxicity (oral) : No data available.
Acute toxicity (dermal) : No data available.
Acute toxicity (inhalation) : No data available.

1- Octanol (111-87-5)	
LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	2000 mg/kg

Paraffin waxes and hydrocarbon waxes (8002-74-2)	
LD50 oral rat	5000 mg/kg

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics (1335203-17-2)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 5266 mg/l/4h

Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, <0,03% aromatics (1174522-45-2)	
LD50 oral rat	> 5000 mg/kg

Skin corrosion/irritation : No data available.
Serious eye damage/irritation : No data available.
Respiratory or skin sensitisation : No data available.
Germ cell mutagenicity : No data available.
Carcinogenicity : No data available.
Reproductive toxicity : No data available.
STOT-single exposure : No data available.
STOT-repeated exposure : No data available.
Aspiration hazard : May be fatal if swallowed and enters airways.

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Viscosity, kinematic	7.94 mm ² /s (40 °C, ASTM D445)
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : No data available

11.2.2. Other information

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

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LC50 - Fish [1]	310 mg/l Oncorhynchus mykiss
LC50 - Fish [2]	325 mg/l Inland silverside
EC50 - Crustacea [1]	130 mg/l Daphnia magna
EC50 - Crustacea [2]	220 mg/l Daphnia magna
LOEC (acute)	250 mg/l Inland silverside
NOEC (acute)	< 78 mg/l Oncorhynchus mykiss
NOEC (chronic)	125 mg/l Inland silverside
NOEC chronic fish	< 78 mg/l (96h, Oncorhynchus mykiss)
NOEC chronic crustacea	0.19 mg/l Ceriodaphnia dubia

1- Octanol (111-87-5)

LC50 - Fish [1]	9.8 mg/l
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Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics (1335203-17-2)

LC50 - Fish [1]	> 1028 mg/l
EC50 - Other aquatic organisms [1]	≥ 3193 mg/l
EC50 72h - Algae [1]	> 10000 mg/l
NOEC chronic fish	> 1000 mg/l
NOEC chronic crustacea	> 1000 mg/l

Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, <0,03% aromatics (1174522-45-2)

LC50 - Fish [1]	> 1028 mg/l
EC50 - Other aquatic organisms [1]	> 3193 mg/l
EC50 72h - Algae [1]	> 10000 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	102.44 g O ₂ /l OECD 301 D: 28 d 70-80%

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Antiescum DB79	
Chemical oxygen demand (COD)	2200 g O ₂ /l
Biodegradation	> 70 % OECD 310:2014
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics (1335203-17-2)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Antiescum DB79	
Bioaccumulative potential	The product is not expected to bioaccumulate.

12.4. Mobility in soil

Antiescum DB79	
Ecology - soil	The environmental result was estimated using a Tier III fugacity model in the EPI (estimation program interface) Suite TM package provided by the US EPA. The model assumes a steady-state condition between the total input and total output. The Tier III model does not require equilibrium between the defined media. The information provided is intended to provide the user with a general estimate of the environmental outcome of this product under the defined model conditions. It is expected that, if this material is released to the environment, it will be distributed in air, water and soil/sediment in the approximate percentages corresponding to: 10 - 30%, 30 - 50%, 30 - 50%, 30 - 50%. It is estimated that the portion in water may dissolve or disperse.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : No data available, The substance/mixture does not contain components that have endocrine disrupting properties according to Article 57(f) of REACH or according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Other adverse effects : None to mention.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Empty containers and residual product must not be washed out with water, this would provoke an inappropriate dissolution of the product and it would increase the amount of waste to dispose. Exhaust as much as possible the product and dispose the empty container taking into account Section 13.1. If this product must be disposed as a waste the final user must do it accordingly with the European, national and local regulations. Use only authorised companies. Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Do not re-use empty containers. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

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14.1. UN number or ID number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 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

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Water hazard class (WGK)

: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV)

: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen

: Paraffin waxes and hydrocarbon waxes is listed

SZW-lijst van mutagene stoffen

: Paraffin waxes and hydrocarbon waxes is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

: None of the components are listed

Denmark

Class for fire hazard

: Class III-1

Store unit

: 50 liter

Classification remarks

: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

A chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes

Section	Changed item	Change	Comments
	Adverse effects on the environment caused by endocrine disrupting properties	Added	
	Acute toxicity (inhalation) - comment	Added	
	Acute toxicity (dermal) - comment	Added	
	Adverse health effects caused by endocrine disrupting properties	Added	
	Acute toxicity (oral) - comment	Added	
	STOT-single exposure - comment	Added	
	STOT-repeated exposure - comment	Added	
	Skin corrosion/irritation - comment	Added	

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Indication of changes			
Section	Changed item	Change	Comments
	Respiratory or skin sensitisation - comment	Added	
	Reproductive toxicity - comment	Added	
	Germ cell mutagenicity - comment	Added	
	Serious eye damage/irritation - comment	Added	
	Carcinogenicity - comment	Added	
	Supersedes	Modified	
	Revision date	Modified	
	Issue date	Modified	
4.1	First-aid measures after ingestion	Modified	
4.2	Symptoms/effects after ingestion	Added	
4.3	Other medical advice or treatment	Added	
5.2	Hazardous decomposition products in case of fire	Modified	
6.1	Protective equipment	Added	
6.1	Emergency procedures	Modified	
6.2	Environmental precautions	Added	
6.3	Methods for cleaning up	Modified	
7.2	Storage temperature	Added	
7.2	Packaging materials	Added	
7.2	Incompatible materials	Added	
8.2	Environmental exposure controls	Added	
8.2	Consumer exposure controls	Added	
8.2	Eye protection	Modified	
9.1	Viscosity, kinematic	Modified	
9.1	Viscosity, dynamic	Modified	
9.1	Vapour pressure	Modified	
9.1	Flash point	Modified	
9.1	Boiling point	Modified	
10.6	Hazardous decomposition products	Modified	
12.1	NOEC (chronic)	Added	
12.1	LOEC (acute)	Added	
12.1	NOEC chronic crustacea	Modified	
12.1	LC50 fish 2	Modified	
12.1	NOEC chronic fish	Added	
12.2	Chemical oxygen demand (COD)	Modified	
12.4	Ecology - soil	Added	
12.6	Other adverse effects	Added	
13.1	Product/Packaging disposal recommendations	Added	

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Indication of changes

Section	Changed item	Change	Comments
13.1	Ecology - waste materials	Added	
13.1	Waste treatment methods	Modified	
16	Other information	Added	

Other information

: The latest version of the MSDS of this product can be obtained through the link <https://www.derypol.com/en/technical-documentation/>.

Full text of H- and EUH-statements

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Full text of use descriptors

ERC4	Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
PROC15	Use as laboratory reagent
PROC28	Manual maintenance (cleaning and repair) of machinery
PROC4	Chemical production where opportunity for exposure arises
PROC8a	Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
SU23	Electricity, steam, gas water supply and sewage treatment
SU6b	Manufacture of pulp, paper and paper products

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	On basis of test data

Safety Data Sheet applicable for regions

: DE;DK;ES;FI;FR;IT;NL;PL;PT;GB;RU;SE

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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Annex to the safety data sheet

Identified Uses	Es N°	Short title	Page
Water treatment.	1		15

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Annex to the safety data sheet: Exposure scenario

Reference number: Antiescum DB79 Product form: Mixture Physical state: Liquid

1. Antiescum DB79 - Industrial; Water treatment.

1.1. Title section

Water treatment.

ES Ref.: Antiescum DB79
ES Type: Worker
Version: 2.0
Revision date: 3/24/2023

Author: Regulatory Department
Association ref code: Antiescum DB79
Issue date: 3/24/2023

Environment		Use descriptors
Antiescum DB79_ERC4	Contributing scenario controlling environmental exposure	ERC4

Worker		Use descriptors
Antiescum DB79_PROC15	Contributing scenario controlling worker exposure	PROC15
Antiescum DB79_PROC28	Contributing scenario controlling worker exposure	PROC28
Antiescum DB79_PROC8a	Contributing scenario controlling worker exposure	PROC8a
Antiescum DB79_PROC4	Contributing scenario controlling worker exposure	PROC4

1.2. Conditions of use affecting exposure

1.2.1. Control of environmental exposure: Contributing scenario controlling environmental exposure (ERC4)

ERC4	Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
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Amount used, frequency and duration of use (or from service life)

Daily amount per site	1000 kg
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Conditions and measures related to sewage treatment plant

Sewage treatment plant type	Standard wastewater treatment plant
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1.2.2. Control of worker exposure: Contributing scenario controlling worker exposure (PROC15)

PROC15	Use as laboratory reagent
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Amount used (or contained in articles), frequency and duration of use/exposure

Exposure duration	60 minutes
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Technical and organisational conditions and measures

Skin protection	Yes	
Breathing equipment	None	

Other conditions affecting workers exposure

indoor	
Requires localised exhaust ventilation with 90% efficiency.	

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Annex to the safety data sheet: Exposure scenario

Reference number: Antiescum DB79 Product form: Mixture Physical state: Liquid

Other conditions affecting workers exposure

Ventilation rate (per hour)	3
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1.2.3. Control of worker exposure: Contributing scenario controlling worker exposure (PROC28)

PROC28	Manual maintenance (cleaning and repair) of machinery
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Amount used (or contained in articles), frequency and duration of use/exposure

Exposure duration	240 minutes
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Technical and organisational conditions and measures

Skin protection	Yes	
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Breathing equipment	None	
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Conditions and measures related to personal protection, hygiene and health evaluation

No local exhaust ventilation required	
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Other conditions affecting workers exposure

indoor	No local exhaust ventilation required
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Ventilation rate (per hour)	3
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1.2.4. Control of worker exposure: Contributing scenario controlling worker exposure (PROC8a)

PROC8a	Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
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Amount used (or contained in articles), frequency and duration of use/exposure

Exposure duration	15 minutes
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Conditions and measures related to personal protection, hygiene and health evaluation

No local exhaust ventilation required	
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Other conditions affecting workers exposure

Ventilation rate (per hour)	3
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1.2.5. Control of worker exposure: Contributing scenario controlling worker exposure (PROC4)

PROC4	Chemical production where opportunity for exposure arises
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Amount used (or contained in articles), frequency and duration of use/exposure

Exposure duration	60 minutes
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Technical and organisational conditions and measures

Skin protection	Yes	
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Breathing equipment	None	
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Other conditions affecting workers exposure

Outside	None
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Antiescum DB79

Annex to the safety data sheet: Exposure scenario

Reference number: Antiescum DB79 Product form: Mixture Physical state: Liquid

1.3. Exposure estimation and reference to its source

1.3.1. Environmental release and exposure Contributing scenario controlling environmental exposure (ERC4)

No information available

1.3.2. Worker exposure Contributing scenario controlling worker exposure (PROC15)

No information available

1.3.3. Worker exposure Contributing scenario controlling worker exposure (PROC28)

No information available

1.3.4. Worker exposure Contributing scenario controlling worker exposure (PROC8a)

No information available

1.3.5. Worker exposure Contributing scenario controlling worker exposure (PROC4)

No information available

1.4. Guidance to Downstream User to evaluate whether he works inside the boundaries set by the ES

1.4.1. Environment

No data available

1.4.2. Health

No data available