

Product name: AIRASE® 8070

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

1.1 Product identifier

Product name:
AIRASE® 8070

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

Identified uses: Industrial use**Uses advised against:** None known.

1.3 Details of the supplier of the safety data sheet

Company Name : Evonik Operations GmbH
Rellinghauser Str. 1-11
45128 Essen
Germany

Telephone : +49 201 173 01

Fax : +49 201 173 3000

E-mail : productsafety-cs@evonik.com

1.4 Emergency telephone number:

24-Hour Health : +49 2365 49 2232
Emergency : +49 2365 49 4423 (Fax)

National Poison Information Service (NPIS)
England, Scotland and Wales: NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Health Hazards

Serious eye damage	Category 1	H318: Causes serious eye damage.
Skin sensitizer	Category 1	H317: May cause an allergic skin reaction.

Environmental Hazards

Chronic hazards to the aquatic environment	Category 3	H412: Harmful to aquatic life with long lasting effects.
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Product name: AIRASE® 8070

2.2 Label Elements



Signal Words: Danger

Hazard Statement(s):
 H318: Causes serious eye damage.
 H317: May cause an allergic skin reaction.
 H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention:
 P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
 P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/ physician.

Hazardous ingredients which must be listed on the label:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	50 - <100%	9014-85-1	500-022-5		01-2119954393-33	No data available.	
octamethyl cyclotetrasiloxane	0.01 - <0.1%	556-67-2	209-136-7		01-2119529238-36	Aquatic Toxicity (Chronic): 10	##

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC.

Product name: AIRASE® 8070
Classification

Chemical name	Classification	Notes
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	Classification: Eye Dam.: 1: H318; Skin Sens.: 1B: H317; Aquatic Chronic: 3: H412; Supplemental label information: None known.	None.
octamethylcyclotetrasiloxane	Classification: Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 1: H410; Supplemental label information: None known.	None.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures
4.1 Description of first aid measures

General information:	Immediately remove contaminated clothing.
Inhalation:	fresh air supply, consult a doctor if feeling unwell.
Skin Contact:	In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
Ingestion:	Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
Personal Protection for First-aid Responders:	No data available.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Risk of serious damage to eyes.
Hazards:	No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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SECTION 5: Firefighting measures
5.1 Extinguishing media

Suitable extinguishing media:	foam, carbon dioxide, dry powder, water spray.
Unsuitable extinguishing media:	High volume water jet.

5.2 Special hazards arising from the substance or mixture:

In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

5.3 Advice for firefighters

Product name: AIRASE® 8070

Special fire fighting procedures: No specific precautions.

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.
- 6.1.1 For non-emergency personnel:** No data available.
- 6.1.2 For emergency responders:** No data available.
- 6.2 Environmental Precautions:** Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.
- 6.3 Methods and material for containment and cleaning up:** Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.
- 6.4 Reference to other sections:** For further information on exposure monitoring and disposal see sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Technical measures:** No data available.
- Local/Total ventilation:** No data available.
- Safe handling advice:** Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.
- Contact avoidance measures:** No data available.

7.2 Conditions for safe storage, including any incompatibilities

- Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Do not store together with oxidizing agents.
- Safe packaging materials:** No data available.

7.3 Specific end use(s): No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

Product name: AIRASE® 8070
DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	Workers	Inhalation	Systemic, long-term; 24.7 mg/m ³	Repeated dose toxicity
	Workers	Eyes	Local effect;	Medium hazard (no threshold derived)
	Workers	Dermal	Systemic, long-term; 7 mg/kg	Repeated dose toxicity
octamethylcyclotetrasiloxane	General population	Inhalation	Systemic, long-term; 4.35 mg/m ³	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 2.5 mg/kg	Repeated dose toxicity
	General population	Eyes	Local effect;	Medium hazard (no threshold derived)
	General population	Dermal	Systemic, long-term; 2.5 mg/kg	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 13 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 73 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Local, long-term; 73 mg/m ³	Repeated dose toxicity
	General population	Inhalation	Local, long-term; 13 mg/m ³	Repeated dose toxicity
	Workers	Eyes	Local effect;	No hazard identified
	General population	Eyes	Local effect;	No hazard identified
	General population	Oral	Systemic, long-term; 3.7 mg/kg	Repeated dose toxicity

PNEC-Values

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	Sewage treatment plant	6.8 mg/l	
	Sediment (freshwater)	0.29 mg/kg	
	Aquatic (freshwater)	0.036 mg/l	
	Sediment (marine water)	0.029 mg/kg	
	Soil	0.036 mg/kg	
octamethylcyclotetrasiloxane	Aquatic (marine water)	0.004 mg/l	
	Predator	41 mg/kg	Oral
	Soil	0.54 mg/kg	
	Sediment (freshwater)	3 mg/kg	
	Aquatic (freshwater)	1.5 µg/l	
	Aquatic (marine water)	0.15 µg/l	
	Sewage treatment plant	10 mg/l	
	Sediment (marine water)	0.3 mg/kg	

8.2 Exposure controls
Appropriate Engineering Controls: No data available.

Individual protection measures, such as personal protective equipment
Eye/face protection: Tightly fitting safety goggles

Hand Protection: Additional Information: gloves made of chloroprene (CR, e.g. Neoprene), gloves made of nitril (NBR)

Skin and Body Protection: protective clothing

Respiratory Protection: in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Product name: AIRASE® 8070

Hygiene measures:	Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.
Environmental Controls:	The environmental regulations on the control and monitoring of environmental exposures are to be observed.

SECTION 9: Physical and chemical properties
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9.1 Information on basic physical and chemical properties
Appearance

Physical state:	liquid
Form:	liquid
Color:	Pale yellow
Odor:	Mild
Odor Threshold:	not measured
Freezing point:	-39 °C
Boiling Point:	> 250 °C
Flammability:	not measured
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	not measured
Explosive limit - lower:	not measured
Flash Point:	130 °C
Auto-ignition temperature:	not measured
Decomposition Temperature:	not measured
pH:	Not applicable
Viscosity	
Dynamic viscosity:	188 mPa.s at 25 °C
Kinematic viscosity:	196 mm ² /s at 25 °C , Method: calculated
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	not measured
Partition coefficient (n-octanol/water):	not measured
Vapor pressure:	< 0.01 hPa at 20 °C
Relative density:	not measured
Density:	0.96 g/cm ³ at 21 °C
Relative vapor density:	not measured

9.2 Other information

Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Self-ignition:	not measured
Metal Corrosion:	Not corrosive to metals

Product name: AIRASE® 8070
Evaporation Rate: not measured

SECTION 10: Stability and reactivity

10.1 Reactivity:	see section "Possibility of hazardous reactions".
10.2 Chemical Stability:	The product is stable under normal conditions.
10.3 Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
10.4 Conditions to avoid:	None with proper storage and handling.
10.5 Incompatible Materials:	Oxidizing agents.
10.6 Hazardous Decomposition Products:	None with proper storage and handling.

SECTION 11: Toxicological information
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Information on likely routes of exposure

Inhalation:	Information on effects are given below.
Skin Contact:	Information on effects are given below.
Eye contact:	Information on effects are given below.
Ingestion:	Information on effects are given below.

Acute toxicity (list all possible routes of exposure)
Oral

Product:	No data available.
Components:	
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	LD 50, Rat, Male, 6,370 mg/kg
octamethylcyclotetrasiloxane	LD 50, Rat, Male, > 5,000 mg/kg, OECD 401

Dermal

Product:	LD 50, ATEmix, 4,000 mg/kg
Components:	
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	LD 50, Rat, Female, Male, > 2,000 mg/kg, OECD 402
octamethylcyclotetrasiloxane	LD 50, Rat, Female, Male, > 5,000 mg/kg, OECD 402

Inhalation

Product:	No data available.
Components:	
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	LC 50, Rat, 1 h, > 20 mg/l, Dust and mist, (analogy) LC 50, Rat, 4 h, > 5 mg/l, Dust and mist, (analogy) Not toxic after single exposure, Vapour, No data available.
octamethylcyclotetrasiloxane	LC 50, Rat, Female, Male, 4 h, 36 mg/l, OECD 403, Vapour

Product name: AIRASE® 8070

ane Not toxic after single exposure, Dust and mist, No data available.

Repeated dose toxicity

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol NOAEL - No Observable Adverse Effect Level, Rat, Oral, daily, 500 mg/kg, (analogy)

octamethylcyclotetrasiloxane NOAEC, Rat, Female, Male, Inhalation, Vapour, 5 days/weeks, 6 hours/day, 1.8 mg/l, Subchronic toxicity

LOAEC, Rat, Female, Male, Inhalation, Vapour, 5 days/weeks, 6 hours/day, 8.5 mg/l, chronic

NOAEC, Rat, Female, Male, Inhalation, Vapour, 5 days/weeks, 6 hours/day, 0.36 mg/l, Subacute toxicity

Skin Corrosion/Irritation

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol Not irritating, OECD 404, Rabbit, 24 h, (analogy)

octamethylcyclotetrasiloxane Not irritating, OECD 404, Rabbit

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol Risk of serious damage to eyes., US-EPA-method, Rabbit, (analogy)

octamethylcyclotetrasiloxane Not irritating, OECD 405, Rabbit

Respiratory or Skin Sensitization

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol Local Lymph Node Assay (LLNA), OECD 429, Mouse, Skin sensitizer, (analogy)

octamethylcyclotetrasiloxane Magnussona i Kligmana., OECD 406, Rabbit, Not a skin sensitizer. Sensitization test, Human, Not a skin sensitizer.

Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.

Carcinogenicity

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane No data available.

Germ Cell Mutagenicity

No data available.

In vitro

Product: No data available.

Components:

Product name: AIRASE® 8070

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	Bacterial reverse mutation assay, OECD 471: , negative, (analogy) Chromosomal aberration, OECD 473: , negative, (analogy) gene mutation test, OECD 476: , negative, (analogy)
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octamethylcyclotetrasiloxane	Ames test, OECD 471: , negative Chromosomal aberration, OECD 473: , negative gene mutation test, OECD 476: , negative
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In vivo

Product: No data available.

Components:
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane	Micronucleus test, OECD 474, Inhalation - vapor, Rat, negative Chromosomal aberration, OECD 478, Oral, Rat, negative Chromosomal aberration, OECD 475, Inhalation - vapor, Rat, Female, Male, negative
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Reproductive toxicity

Product: No data available.

Components:
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol Oral

octamethylcyclotetrasiloxane	Suspected of damaging fertility or the unborn child. Suspected of damaging fertility.
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Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane	No data available.
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Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane	No data available.
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Aspiration Hazard

Product: Not classified

Components:
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol Not classified

octamethylcyclotetrasiloxane	Not classified
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Product name: AIRASE® 8070

11.2 Information on other hazards

Other information

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	LC 50, Scophtalmus maximus (turbot), 96 h, 52 mg/l OECD 203, salt water LC 50, Pimephales promelas, 96 h, 36 mg/l OECD 203, (analogy) LC 50, Cyprinus carpio, 96 h, 42 mg/l OECD 203, (analogy) NOEC, Cyprinus carpio, 96 h, 10 mg/l OECD 203, (analogy)
octamethylcyclotetrasiloxane	LC 50, Oncorhynchus mykiss, 96 h, > 22 µg/l US-EPA-method NOEC, Oncorhynchus mykiss, 96 h, 22 µg/l US-EPA-method

Aquatic Invertebrates

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	LC 50, Acartia tonsa, 48 h, 166 mg/l ISO 14669, salt water EC 50, Daphnia magna, 48 h, 88 mg/l OECD 202, (analogy) EC 50, Daphnia magna, 48 h, 91 mg/l OECD 202, (analogy) NOEC, Daphnia magna, 48 h, 43 mg/l OECD 202, (analogy)
octamethylcyclotetrasiloxane	NOEC, Daphnia magna, 48 h, 15 µg/l US-EPA-method EC 50, Daphnia magna, 48 h, > 15 µg/l US-EPA-method

Toxicity to Aquatic Plants

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	EC 50 (Selenastrum capricornutum (green algae), 72 h): 82 mg/l (OECD 201) (analogy) EC 10 (Selenastrum capricornutum (green algae), 72 h): 15 mg/l (OECD 201) (analogy)
octamethylcyclotetrasiloxane	EC 50 (Algae (Pseudokirchneriella subcapitata), 96 h): > 22 µg/l (US-EPA-method) EC 50 (Algae (Pseudokirchneriella subcapitata), 96 h): > 22 µg/l (US-EPA-method)

Toxicity to microorganisms

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	EC 50, activated sludge, 0.5 h, Approximate, 680 mg/l, OECD 209, (analogy)
octamethylcyclotetrasiloxane	No data available.

Toxicity to soil dwelling organisms

Product: No data available.

Components:

Ethoxylated 2,4,7,9-	No data available.
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Product name: AIRASE® 8070

tetramethyl 5 decyn-4,7-diol
 octamethylcyclotetrasiloxane No data available.

Toxicity to terrestrial organisms

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.
 octamethylcyclotetrasiloxane No data available.

Chronic hazards to the aquatic environment:
Fish

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.
 octamethylcyclotetrasiloxane NOEC, Oncorhynchus mykiss, 93 d, 4.4 µg/l, US-EPA-method

Aquatic Invertebrates

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.
 octamethylcyclotetrasiloxane NOEC, Daphnia magna, 21 d, 15 µg/l, EPA OTS 797.1330
 Lowest Observed Effect Concentration, Daphnia magna, 21 d, 15 µg/l, EPA OTS 797.1330
 EC 50, Daphnia magna, 21 d, > 15 µg/l, EPA OTS 797.1330

Toxicity to Aquatic Plants

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.
 octamethylcyclotetrasiloxane NOEC (Algae (Pseudokirchneriella subcapitata), 96 h): < 22 µg/l (US-EPA-method)

Toxicity to microorganisms

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol EC 50, activated sludge, 0.5 h, Approximate, 680 mg/l, OECD 209, (analogy)
 octamethylcyclotetrasiloxane No data available.

Toxicity to soil dwelling organisms

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

Product name: AIRASE® 8070

octamethylcyclotetrasiloxane No data available.

Toxicity to terrestrial organisms

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane No data available.

12.2 Persistence and Degradability
Biodegradation

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol 2 %, 28 d, The product is not biodegradable.
 10 %, 60 d, The product is not biodegradable. (analogy), aerobic
 0 %, 28 d, The product is not biodegradable., aerobic
 6 %, 28 d, OECD 302 B, The product is not biodegradable. (analogy), aerobic
 25 %, 57 d, OECD 302 A, The product is not biodegradable. (analogy), aerobic

octamethylcyclotetrasiloxane 3.7 %, 28 d, OECD 310, The product is not biodegradable., aerobic

12.3 Bioaccumulative potential
Bioconcentration Factor (BCF)

Product: No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: not measured

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol 1.8 - 2.5, 21 °C, EU Method A.8

octamethylcyclotetrasiloxane 6.488, 25.1 °C, OECD 123

12.4 Mobility in soil:

Product No data available.

Components:

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol No data available.

octamethylcyclotetrasiloxane No data available.

12.5 Results of PBT and vPvB assessment:

Product No data available.

Components:

Product name: AIRASE® 8070

Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol octamethylcyclotetrasiloxane
No data available.
PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

12.6 Other adverse effects:

Other hazards

Product: Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: No data available.

Disposal methods: In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

SECTION 14: Transport information

14.1 UN/ID No.

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

EU Regulations

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I: Not applicable

Product name: AIRASE® 8070
15.2 Chemical safety assessment: No chemical safety assessment was carried out for this product.

International regulations
Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

SECTION 16: Other information
Abbreviations and acronyms:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Key literature references and sources for data: No data available.

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

Classification according to Regulation (EC) No 1272/2008 as amended.	Classification procedure
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Product name: AIRASE® 8070

Serious eye damage, Category 1	On basis of test data
Skin sensitizer, Category 1	On basis of test data
Chronic hazards to the aquatic environment, Category 3	On basis of test data

Wording of the statements in section 2 and 3

H226	Flammable liquid and vapor.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Training information: Comply with national laws regulating employee instruction.

Revision Information Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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