90000-GM

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 23/09/2022 Revision date: 04/03/2024 Supersedes version of: 22/01/2024 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Product name : 90000-GM
UFI : 1410-F0P2-A00Y-0TQ9
Type of product : adhesives
Product group : End product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Industrial use,Professional use,Consumer use
Function or use category : Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Cyanotec Limited
Bay 2, Building 62,
Third Avenue, Pensnett Trading Estate,
Kingswinford DY6 7XT
T +44 (0)1834 294 753
sales@cyanotec.com

1.4. Emergency telephone number

Emergency number: +44 (0)1834 294 753
Office hours 0900-1700hrs
(Monday-Thursday)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning

Contains : α, α-dimethylbenzyl hydroperoxide; cumene hydroperoxide; acrylic acid; prop-2-enoic acid

Hazard statements (CLP) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 - Use only outdoors or in a well-ventilated area.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements : EUH208 - Contains HYDROQUINONE MONOMETHYL ETHER(150-76-5), 2,2'(4-METHYLPHENYLIMINO)DIETHANOL(3077-12-1), 1-ACETYL-2-PHENYLHYDRAZINE(114-83-0). May produce an allergic reaction.

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 substance(s) are 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 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ACRYLIC ACID substance with a Community workplace exposure limit	CAS-No.: 79-10-7 EC-No.: 201-177-9 EC Index-No.: 607-061-00-8 REACH-no: 01-2119452449-31	1 – 5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Aquatic Acute 1, H400
CUMENE HYDROPEROXIDE	CAS-No.: 80-15-9 EC-No.: 201-254-7 EC Index-No.: 617-002-00-8 REACH-no: 01-2119475796-19	0.5 – 2.5	Org. Perox. E, H242 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Skin Corr. 1B, H314 Aquatic Chronic 2, H411

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Saccharin	CAS-No.: 81-07-2 EC-No.: 201-321-0	1.5	Skin Corr. 1, H314 Eye Dam. 1, H318
HYDROQUINONE MONOMETHYL ETHER	CAS-No.: 150-76-5 EC-No.: 205-769-8 EC Index-No.: 604-044-00-7 REACH-no: 01-2119541813-40	0.1 – 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317
N,N-DIMETHYL-P-TOLUIDINE	CAS-No.: 99-97-8 EC-No.: 202-805-4 EC Index-No.: 612-056-00-9 REACH-no: 01-2119937766-23	0.1 – 1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT RE 2, H373 Aquatic Chronic 3, H412
2,2'(4-METHYLPHENYLIMINO)DIETHANOL	CAS-No.: 3077-12-1 EC-No.: 221-359-1	0.1 – 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412
1-ACETYL-2-PHENYLHYDRAZINE	CAS-No.: 114-83-0	0.1 – 1	Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
ACRYLIC ACID	CAS-No.: 79-10-7 EC-No.: 201-177-9 EC Index-No.: 607-061-00-8 REACH-no: 01-2119452449-31	(1 ≤ C ≤ 100) STOT SE 3, H335
CUMENE HYDROPEROXIDE	CAS-No.: 80-15-9 EC-No.: 201-254-7 EC Index-No.: 617-002-00-8 REACH-no: 01-2119475796-19	(0 < C < 10) STOT SE 3, H335 (1 ≤ C < 3) Eye Irrit. 2, H319 (3 ≤ C < 10) Skin Irrit. 2, H315 (3 ≤ C < 10) Eye Dam. 1, H318 (10 ≤ C ≤ 100) Skin Corr. 1B, H314

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Clean up any spills as soon as possible, using an absorbent material to collect it.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Ventilate area. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Incompatible products : Oxidizing agent.

7.3. Specific end use(s)

adhesives.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

ACRYLIC ACID (79-10-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Acrylic acid; Prop-2-enoic acid
IOEL TWA	29 mg/m³
	10 ppm
IOEL STEL	59 mg/m³
	20 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
United Kingdom - Occupational Exposure Limits	
Local name	Acrylic acid (Prop-2-enoic acid)
WEL TWA (OEL TWA)	29 mg/m³
	10 ppm
WEL STEL (OEL STEL)	59 mg/m³ STEL in relation to a 1-minute reference period
	20 ppm STEL in relation to a 1-minute reference period
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

HYDROQUINONE MONOMETHYL ETHER (150-76-5)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	10 mg/m³
Long-term - systemic effects, inhalation	3 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.0136 mg/l
PNEC aqua (marine water)	0.00136 mg/l
PNEC aqua (intermittent, freshwater)	0.03 mg/l
PNEC aqua (intermittent, marine water)	0.003 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.125 mg/kg dwt
PNEC sediment (marine water)	0.0125 mg/kg dwt

HYDROQUINONE MONOMETHYL ETHER (150-76-5)	
PNEC (Soil)	
PNEC soil	0.017 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
2,2'(4-METHYLPHENYLIMINO)DIETHANOL (3077-12-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.47 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3.29 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.16 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.58 mg/m³
Long-term - systemic effects, dermal	0.17 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.0264 mg/l
PNEC aqua (marine water)	0.00264 mg/l
PNEC aqua (intermittent, freshwater)	0.26 mg/l
PNEC aqua (intermittent, marine water)	0.0264 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.1214 mg/kg dwt
PNEC sediment (marine water)	0.0121 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0088 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
CUMENE HYDROPEROXIDE (80-15-9)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	6 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.0031 mg/l
PNEC aqua (marine water)	0.00031 mg/l
PNEC aqua (intermittent, freshwater)	0.031 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.023 mg/kg dwt
PNEC sediment (marine water)	0.0023 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0029 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.35 mg/l

ACRYLIC ACID (79-10-7)	
DNEL/DMEL (Workers)	
Acute - local effects, dermal	1 mg/cm²
Acute - local effects, inhalation	30 mg/m³
Long-term - local effects, inhalation	30 mg/m³
DNEL/DMEL (General population)	
Acute - local effects, dermal	1 mg/cm²
Acute - local effects, inhalation	3.6 mg/m³
Long-term - local effects, inhalation	3.6 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.003 mg/l
PNEC aqua (marine water)	0.0003 mg/l
PNEC aqua (intermittent, freshwater)	0.0013 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.0236 mg/kg dwt
PNEC sediment (marine water)	0.002346 mg/kg dwt
PNEC (Soil)	
PNEC soil	1 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	0.03 g/kg food
PNEC (STP)	
PNEC sewage treatment plant	0.9 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Safety glasses

Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
Safety glasses		With side shields	EN 166

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

Skin and body protection	
Type	**Standard**
Protective clothing	EN 14605

Hand protection:
Protective gloves

Hand protection					
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**	**Standard**
Disposable gloves	Nitrile rubber (NBR)		≥0.4 mm		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	**Filter type**	**Condition**	**Standard**
Full face mask	Filter A1/B1, Type A - High-boiling (>65 °C) organic compounds		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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	orange.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	No data available.
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Non flammable.
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 93 °C
Auto-ignition temperature	:	No data available.
Decomposition temperature	:	Not available
pH	:	Not applicable.
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	70000 – 120000 mPa·s at 25°C
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available

Density : Not available
Relative density : ≈ 1.1
Relative vapour density at 20°C : No data available.
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

HYDROQUINONE MONOMETHYL ETHER (150-76-5)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: other:OECD No 423 Acute Oral Toxicity – Acute Toxic Class Method
Saccharin (81-07-2)	
LD50 oral rat	8440 – 9710 mg/kg bodyweight Animal: rat, Guideline: other:
LD50 dermal rabbit	4694 mg/kg bodyweight Animal: rabbit, Guideline: other:
LC50 Inhalation - Rat	815.265 mg/l air Animal: rat, Guideline: other:OECD Guideline 403 (Acute Inhalation Toxicity)
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
LD50 oral rat	1650 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)

N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
LD50 oral	139 mg/kg bodyweight Animal: mouse, Guideline: other:
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LC50 Inhalation - Rat	1.4 mg/l air Animal: rat, Guideline: other:
2,2'(4-METHYLPHENYLIMINO)DIETHANOL (3077-12-1)	
LD50 oral rat	959 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity), Guideline: other:
CUMENE HYDROPEROXIDE (80-15-9)	
LC50 Inhalation - Rat [ppm]	220 ppm Animal: rat, Animal sex: male
ACRYLIC ACID (79-10-7)	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:U.S. EPA Health Effects Test Guidelines, OCSPP 870.1200
LC50 Inhalation - Rat	> 5.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation : Causes skin irritation.
pH: Not applicable.

Saccharin (81-07-2)	
pH	1.84 Temp.: 31 °C Concentration: 1 other:
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
pH	7.44 Temp.: 25 °C Concentration: 1 vol%

Serious eye damage/irritation : Causes serious eye irritation.
pH: Not applicable.

Saccharin (81-07-2)	
pH	1.84 Temp.: 31 °C Concentration: 1 other:
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
pH	7.44 Temp.: 25 °C Concentration: 1 vol%

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

Saccharin (81-07-2)	
LOAEL (animal/male, F1)	500 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: other:
NOAEL (animal/male, F0/P)	200 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: other:

STOT-single exposure : May cause respiratory irritation.

1-ACETYL-2-PHENYLHYDRAZINE (114-83-0)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

HYDROQUINONE MONOMETHYL ETHER (150-76-5)	
LOAEL (oral, rat, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:EPA OPPTS 870.3650 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:EPA OPPTS 870.3650 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Saccharin (81-07-2)	
LOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
2,2'(4-METHYLPHENYLIMINO)DIETHANOL (3077-12-1)	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral)), Guideline: other:
CUMENE HYDROPEROXIDE (80-15-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
ACRYLIC ACID (79-10-7)	
LOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)

Aspiration hazard : Not classified

Saccharin (81-07-2)	
Viscosity, kinematic	Not applicable
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
Viscosity, kinematic	16.364 mm²/s
ACRYLIC ACID (79-10-7)	
Viscosity, kinematic	1.094 mm²/s

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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

Hazardous to the aquatic environment, long–term (chronic) : Not classified

HYDROQUINONE MONOMETHYL ETHER (150-76-5)	
LC50 - Fish [1]	28.5 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	3 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	54.7 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	19 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	> 1.45 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.68 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Saccharin (81-07-2)	
LC50 - Fish [1]	18300 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	104.403 mg/l Test organisms (species): Daphnia pulex
NOEC chronic fish	2500 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '144 h'
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
LC50 - Fish [1]	46 mg/l Test organisms (species): Pimephales promelas
EC50 72h - Algae [1]	2437002 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
2,2'(4-METHYLPHENYLIMINO)DIETHANOL (3077-12-1)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Cyprinus carpio
EC50 - Crustacea [1]	48 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
CUMENE HYDROPEROXIDE (80-15-9)	
LC50 - Fish [1]	3.9 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	18.84 mg/l Test organisms (species): Daphnia magna
ACRYLIC ACID (79-10-7)	
LC50 - Fish [1]	27 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	95 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	95 mg/l Test organisms (species):
EC50 72h - Algae [1]	0.03 mg/l Test organisms (species): Scenedesmus subspicatus
LOEC (chronic)	8.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

90000-GM	
Persistence and degradability	Not rapidly degradable
HYDROQUINONE MONOMETHYL ETHER (150-76-5)	
Persistence and degradability	Not rapidly degradable

Saccharin (81-07-2)	
Persistence and degradability	Not rapidly degradable
N,N-DIMETHYL-P-TOLUIDINE (99-97-8)	
Persistence and degradability	Not rapidly degradable
2,2'(4-METHYLPHENYLIMINO)DIETHANOL (3077-12-1)	
Persistence and degradability	Not rapidly degradable
1-ACETYL-2-PHENYLHYDRAZINE (114-83-0)	
Persistence and degradability	Not rapidly degradable
CUMENE HYDROPEROXIDE (80-15-9)	
Persistence and degradability	Not rapidly degradable
ACRYLIC ACID (79-10-7)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
European List of Waste (LoW, EC 2000/532) : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

ADR	IMDG	IATA	ADN	RID
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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

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

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit

Abbreviations and acronyms:	
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains HYDROQUINONE MONOMETHYL ETHER(150-76-5), 2,2'(4-METHYLPHENYLIMINO)DIETHANOL(3077-12-1), 1-ACETYL-2-PHENYLHYDRAZINE(114-83-0). May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Full text of H- and EUH-statements:	
Org. Perox. E	Organic Peroxides, Type E
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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.