



Pro Intake, EGR and Turbo Cleaner - Performance Edition

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 21/11/2025 Version: 1.00

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

1.1. Product identifier

Product form	: Mixture
Product name	: Pro Intake, EGR and Turbo Cleaner - Performance Edition
Product code	: W29979
Vaporizer	: Aerosol
Product group	: Trade product

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

Relevant identified uses

Use of the substance/mixture	: Internal cleaning from petrol and diesel engines.
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1.3. Details of the supplier of the safety data sheet

Supplier

ITW ADDITIVES INTL B.V.
Industriepark-West 46
9100 Sint-Niklaas
BELGIUM
T +32 3 766 60 20, F +32 3 778 16 56
msds@wynns.eu, www.wynns.com

Distributor

ITW Automotive Aftermarket
Saxon House,
2-4 Victoria Street
SL4 1EN Windsor
UNITED KINGDOM
T +44 (0)24 7647 2634
sales@wynns.uk.com, www.wynns.uk.com

Distributor

Wynn's Automotive France S.A.S.
2 Av. Léonard de Vinci
Z.A. Europarc
33600 PESSAC Cedex
FRANCE
T +33 5 57 26 29 00
contact@wynns.fr, www.wynns.fr

Distributor

Krafft S.L.U.
Ctra. Urnieta s/n
20140 Andoain, Guipúzcoa
ESPAÑA
T +34 943 410 400, F +34 943 410 440
msds@krafft.es, www.krafft.es

1.4. Emergency telephone number

Emergency number	: BIG: +32(0)14 58 45 45 (NL FR EN DE)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity – Single exposure, Category 3,	H336
Narcosis	
Hazardous to the aquatic environment – Chronic Hazard,	H411
Category 2	
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

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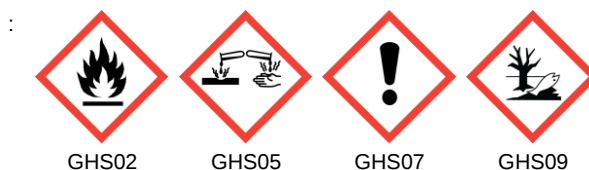
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2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Hydrocarbons, C10, aromatics, <1% naphthalene; (Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-) ; N,N-bis(hydroxyethyl)cocamides

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P210 - Keep away from hot surfaces, open flames, sparks, heat. – No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P280 - Wear protective gloves, protective clothing, eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ 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 %

Component	
Substance(s) not 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	sodium 4(or 5)-methyl-1H-benzotriazole (64665-57-2)

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10, aromatics, <1% naphthalene	CAS-No.: 1189173-42-9 EC-No.: 918-811-1 REACH-no: 01-2119463583-34	25 – 50	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-butoxyethanol substance with a Community workplace exposure limit	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108-36	5 – 10	Acute Tox. 4 (Oral), H302 (ATE=1200 mg/kg bodyweight) Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319
(2-methoxymethylethoxy)propanol substance with a Community workplace exposure limit	CAS-No.: 34590-94-8 EC-No.: 252-104-2 REACH-no: 01-2119450011-60	5 – 10	Not classified
2-(2-butoxyethoxy)ethanol substance with a Community workplace exposure limit	CAS-No.: 112-34-5 EC-No.: 203-961-6 EC Index-No.: 603-096-00-8 REACH-no: 01-2119475104-44	2.5 – 5	Eye Irrit. 2, H319
(Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-)	CAS-No.: 160875-66-1 EC-No.: Polymer	2.5 – 5	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Dam. 1, H318
N,N-bis(hydroxyethyl)cocamides	CAS-No.: 68155-07-7 EC-No.: 931-329-6 REACH-no: 01-2119490100-53	1 – 2.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)	CAS-No.: 68603-38-3 EC-No.: 271-653-9 REACH-no: 01-2119951823-33	1 – 2.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Ammoniumhydroxide substance with a Community workplace exposure limit	CAS-No.: 1336-21-6 EC-No.: 215-647-6 EC Index-No.: 007-001-01-2 REACH-no: 01-2119982985-14	0.1 – 1	Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Acute 1, H400
sodium 4(or 5)-methyl-1H-benzotriazolide	CAS-No.: 64665-57-2 EC-No.: 265-004-9 REACH-no: 01-2119980062-42	0.1 – 1	Acute Tox. 4 (Oral), H302 (ATE=735 mg/kg bodyweight) Skin Corr. 1B, H314 Eye Dam. 1, H318 Repr. 2, H361d Aquatic Chronic 2, H411

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Ammoniumhydroxide	CAS-No.: 1336-21-6 EC-No.: 215-647-6 EC Index-No.: 007-001-01-2 REACH-no: 01-2119982985-14	(5 ≤ C ≤ 100) STOT SE 3; H335

Product subject to CLP Annex I, item 1.1.3.7. The disclosure rules of the components is modified in this case.

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/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	: Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Causes serious eye damage.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. ABC-powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Extremely flammable aerosol. Heating may cause a fire or explosion.
Explosion hazard	: No direct explosion hazard. Pressurised container: May burst if heated.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment	: Wear suitable gloves and eye/face protection. protective clothing.
Emergency procedures	: Mark the danger area. Prevent flow to low areas. No naked flames, sparks, and do not smoke. Take off contaminated clothing.

For emergency responders

Emergency procedures	: Ventilate area.
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6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Do not pierce or burn, even after use.
- Precautions for safe handling : Meet the legal requirements. Keep away from sources of ignition - No smoking. Provide good ventilation in process area to prevent formation of vapour. Presents no particular risk when handled in accordance with good occupational hygiene practice.
- Hygiene measures : Use good personal hygiene practices. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- Storage temperature : ≤ 45 °C
- Heat and ignition sources : Keep away from sources of ignition - No smoking.
- Information on mixed storage : Keep away from strong acids and strong oxidizers.
- Storage area : Meet the legal requirements. Store in a dry place. Store in a well-ventilated place. Ventilation along the floor.
- Special rules on packaging : Labelling according to. Meet the legal requirements.

7.3. Specific end use(s)

See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

2-butoxyethanol (111-76-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-Butoxyethanol
IOEL TWA	98 mg/m ³
	20 ppm
IOEL STEL	246 mg/m ³
	50 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
(2-methoxymethylethoxy)propanol (34590-94-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	308 mg/m ³
	50 ppm

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2-(2-butoxyethoxy)ethanol (112-34-5)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	2-(2-Butoxyethoxy)ethanol
IOEL TWA	67.5 mg/m ³
	10 ppm
IOEL STEL	101.2 mg/m ³
	15 ppm
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC

Ammoniumhydroxide (1336-21-6)

EU - Indicative Occupational Exposure Limit (IOEL)

IOEL TWA	14 mg/m ³
	20 ppm
IOEL STEL	36 mg/m ³
	50 ppm

DNEL and PNEC

Hydrocarbons, C10, aromatics, <1% naphthalene (1189173-42-9)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	12.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	151 mg/m ³

DNEL/DMEL (General population)

Long-term - systemic effects, oral	7.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	32 mg/m ³
Long-term - systemic effects, dermal	7.5 mg/kg bodyweight/day

2-butoxyethanol (111-76-2)

DNEL/DMEL (Workers)

Acute - systemic effects, dermal	89 mg/kg bodyweight/day
Acute - systemic effects, inhalation	1091 mg/m ³
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	98 mg/m ³
Long-term - local effects, inhalation	246 mg/m ³

DNEL/DMEL (General population)

Acute - systemic effects, dermal	89 mg/kg bodyweight
Acute - systemic effects, inhalation	426 mg/m ³
Acute - systemic effects, oral	26.7 mg/kg bodyweight
Long-term - systemic effects, oral	6.3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	59 mg/m ³
Long-term - systemic effects, dermal	75 mg/kg bodyweight/day
Long-term - local effects, inhalation	147 mg/m ³

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2-butoxyethanol (111-76-2)	
PNEC (Water)	
PNEC aqua (freshwater)	8.8 mg/l
PNEC aqua (marine water)	0.88 mg/l
PNEC aqua (intermittent, freshwater)	9.1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	34.6 mg/kg dwt
PNEC sediment (marine water)	3.46 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.33 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	463 mg/l
(2-methoxymethylethoxy)propanol (34590-94-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	283 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	308 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	36 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	37.2 mg/m ³
Long-term - systemic effects, dermal	121 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	19 mg/l
PNEC aqua (marine water)	1.9 mg/l
PNEC aqua (intermittent, freshwater)	190 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	70.2 mg/kg dwt
PNEC sediment (marine water)	7.02 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.74 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	4168 mg/l
2-(2-butoxyethoxy)ethanol (112-34-5)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	101.2 mg/m ³
Long-term - systemic effects, dermal	83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	67.5 mg/m ³
Long-term - local effects, inhalation	67.5 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	60.7 mg/m ³

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2-(2-butoxyethoxy)ethanol (112-34-5)	
Long-term - systemic effects, oral	5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	40.5 mg/m ³
Long-term - systemic effects, dermal	50 mg/kg bodyweight/day
Long-term - local effects, inhalation	40.5 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	1.1 mg/l
PNEC aqua (marine water)	0.11 mg/l
PNEC aqua (intermittent, freshwater)	11 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	4.4 mg/kg dwt
PNEC sediment (marine water)	0.44 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.32 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	56 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	200 mg/l
N,N-bis(hydroxyethyl)cocamides (68155-07-7)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	4.16 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	73.4 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	6.25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	21.73 mg/m ³
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.007 mg/l
PNEC aqua (marine water)	0.0007 mg/l
PNEC aqua (intermittent, freshwater)	0.024 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.195 mg/kg dwt
PNEC sediment (marine water)	0.0195 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.0348 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	830 mg/l

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Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) (68603-38-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	4.16 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	73.44 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	6.25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	21.73 mg/m ³
Long-term - systemic effects, dermal	2.5 mg/kg bodyweight/day
PNEC (STP)	
PNEC sewage treatment plant	0.83 mg/l

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Does not require any specific or particular technical measures.

Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



Skin protection

Hand protection:

Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Not available
Appearance	: Aerosol.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not applicable
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 10.6
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 850 kg/m ³ @20°C

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Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

Information with regard to physical hazard classes

% of flammable ingredients : 58 %

Other safety characteristics

Additional information : The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Extremely flammable aerosol. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from strong acids and strong oxidizers.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide. 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 (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Hydrocarbons, C10, aromatics, <1% naphthalene (1189173-42-9)	
LD50 oral rat	6318 mg/kg bodyweight Crl:CDBR
LD50 dermal rabbit	> 2000 mg/kg bodyweight New Zealand White
LC50 Inhalation - Rat	> 4.688 mg/l/4h Sprague-Dawley
2-butoxyethanol (111-76-2)	
LD50 oral rat	1200 mg/kg bodyweight Rat
LD50 dermal rat	> 2000 mg/kg bodyweight Sprague-Dawley
(2-methoxymethylethoxy)propanol (34590-94-8)	
LD50 oral rat	> 5000 mg/kg bodyweight Sprague-Dawley
LD50 dermal rabbit	> 2000 mg/kg bodyweight New Zealand White

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2-(2-butoxyethoxy)ethanol (112-34-5)	
LD50 oral rat	7291 mg/kg bodyweight COBS, CD, BR
LD50 dermal rabbit	2764 mg/kg bodyweight New Zealand White
LC50 Inhalation - Rat [ppm]	> 29 ppm @2h
(Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-) (160875-66-1)	
LD50 oral rat	> 300 (≤ 2000) mg/kg bodyweight
Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) (68603-38-3)	
LD50 oral rat	> 3000 mg/kg bodyweight
sodium 4(or 5)-methyl-1H-benzotriazolide (64665-57-2)	
LD50 oral rat	735 mg/kg bodyweight Sprague-Dawley
LD50 dermal rabbit	> 2000 mg/kg bodyweight New Zealand White
Skin corrosion/irritation	: Causes skin irritation. pH: 10.6
Serious eye damage/irritation	: Causes serious eye damage. pH: 10.6
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause drowsiness or dizziness.
Hydrocarbons, C10, aromatics, <1% naphthalene (1189173-42-9)	
STOT-single exposure	May cause drowsiness or dizziness.
Ammoniumhydroxide (1336-21-6)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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Vaporizer	Aerosol
Hydrocarbons, C10, aromatics, <1% naphthalene (1189173-42-9)	
Viscosity, kinematic	< 2 mm²/s
Aliphatic, alicyclic or aromatic hydrocarbon	Yes
2-butoxyethanol (111-76-2)	
Viscosity, kinematic	< 3.7 mm²/s
2-(2-butoxyethoxy)ethanol (112-34-5)	
Viscosity, kinematic	< 6.1 mm²/s
(Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-) (160875-66-1)	
Viscosity, kinematic	300 mm²/s
Aliphatic, alicyclic or aromatic hydrocarbon	Yes

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: This product contains hazardous components for the aquatic environment.
Ecology - water	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

Hydrocarbons, C10, aromatics, <1% naphthalene (1189173-42-9)

LC50 - Fish [1]	96h 2 (≤ 5) mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	48h 3 (≤ 10) mg/l Daphnia magna
EC50 - Other aquatic organisms [1]	72h 1 (≤ 3) mg/l Pseudokirchneriella subcapitata
NOEC chronic fish	0.441 mg/l
NOEC chronic crustacea	0.771 mg/l
NOEC chronic algae	1 mg/l

2-butoxyethanol (111-76-2)

LC50 - Fish [1]	96h 1464 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	48h 1800 mg/l Daphnia magna
EC50 - Other aquatic organisms [1]	72h 911 mg/l Pseudokirchneriella subcapitata
NOEC (acute)	72h 88 mg/l Pseudokirchneriella subcapitata

(2-methoxymethylethoxy)propanol (34590-94-8)

LC50 - Fish [1]	> 1930 mg/l @96h Cyprinodon variegatus
EC50 - Other aquatic organisms [1]	48h 1930 mg/l Acartia tonsa
EC50 - Other aquatic organisms [2]	72h 7935 mg/l Skeletonema grethae
LOEC (acute)	48h 2200 mg/l Acartia tonsa
NOEC (acute)	96h 1930 mg/l Cyprinodon variegatus

2-(2-butoxyethoxy)ethanol (112-34-5)

LC50 - Fish [1]	96h 1300 mg/l Lepomis macrochirus
EC50 - Crustacea [1]	24h 2850 mg/l Daphnia magna
EC50 - Other aquatic organisms [1]	72h 1101 mg/l Pseudokirchnerella subcapitata

(Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-) (160875-66-1)

EC50 - Crustacea [1]	> 10 (≤ 100) mg/l @48h Daphnia magna
EC50 - Other aquatic organisms [1]	> 10 (≤ 100) mg/l @72h Scenedesmus subspicatus
NOEC (chronic)	> 1 mg/l

N,N-bis(hydroxyethyl)cocamides (68155-07-7)

LC50 - Fish [1]	96h 2.4 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	48h 3.2 mg/l Daphnia magna

Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) (68603-38-3)

LC50 - Fish [1]	96h 1.2 mg/l oncorhynchus mykiss
NOEC (acute)	72h 2 mg/l Desmodesmus subspicatus

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Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) (68603-38-3)	
NOEC (chronic)	> 0.01 (≤ 0.1) mg/l @21d daphnia magna
Ammoniumhydroxide (1336-21-6)	
EC50 - Crustacea [1]	48d 101 mg/l daphnia magna
EC50 - Other aquatic organisms [1]	18d 2700 mg/l chlorella vulgaris
sodium 4(or 5)-methyl-1H-benzotriazole (64665-57-2)	
LC50 - Fish [1]	96h 180 mg/l Danio rerio
EC50 - Crustacea [1]	48h 8.58 mg/l Daphnia galeata
EC50 - Other aquatic organisms [1]	72h 53 mg/l Skeletonema costatum
NOEC (chronic)	30 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Rapidly degradable
Hydrocarbons, C10, aromatics, <1% naphthalene (1189173-42-9)	
Persistence and degradability	Readily biodegradable.
Biodegradation	50 %
2-butoxyethanol (111-76-2)	
Persistence and degradability	Readily biodegradable.
(2-methoxymethylethoxy)propanol (34590-94-8)	
Persistence and degradability	Rapidly degradable
2-(2-butoxyethoxy)ethanol (112-34-5)	
Persistence and degradability	Rapidly degradable
(Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-) (160875-66-1)	
Persistence and degradability	Readily biodegradable.
N,N-bis(hydroxyethyl)cocamides (68155-07-7)	
Persistence and degradability	Rapidly degradable
Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) (68603-38-3)	
Persistence and degradability	biodegradable.
Ammoniumhydroxide (1336-21-6)	
Persistence and degradability	Rapidly degradable
sodium 4(or 5)-methyl-1H-benzotriazole (64665-57-2)	
Persistence and degradability	Readily biodegradable in water.

12.3. Bioaccumulative potential

2-butoxyethanol (111-76-2)	
Bioaccumulative potential	Slightly bioaccumulative.

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(2-methoxymethylethoxy)propanol (34590-94-8)

Partition coefficient n-octanol/water (Log Pow)	1.01
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2-(2-butoxyethoxy)ethanol (112-34-5)

Partition coefficient n-octanol/water (Log Pow)	1
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(Poly(oxy-1,2-ethanediyl),a-(2-propylheptyl)-w-hydroxy-) (160875-66-1)

Bioaccumulative potential	Bioaccumulation unlikely.
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sodium 4(or 5)-methyl-1H-benzotriazolide (64665-57-2)

Bioaccumulative potential	Slightly bioaccumulative.
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12.4. Mobility in soil

2-butoxyethanol (111-76-2)

Ecology - soil	Small adsorption.
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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

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not pierce or burn, even after use. Remove to an authorized waste treatment plant.
European List of Waste (LoW, EC 2000/532)	: 14 06 03* - other solvents and solvent mixtures 15 01 11* - metallic packaging containing a dangerous solid porous matrix (e.g. asbestos), including empty pressure containers
HP Code	: HP3 - "Flammable:" – flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; – flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; – flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; – flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; – water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; – other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste. HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

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

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ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document description				
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
2.1	2.1	2.1	2.1	2.1
				
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: No EmS-No. (Fire): F-D EmS-No. (Spillage): S-U	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: 5F
Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

Transport by sea

Special provisions (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP200
Special packing provisions (IMDG)	: PP87, L2
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69
MFAG-No	: 126

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Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

Inland waterway transport

Classification code (ADN)	: 5F
Special provisions (ADN)	: 190, 327, 344, 625
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1

Rail transport

Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP200
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW12
Colis express (express parcels) (RID)	: CE2
Hazard identification number (RID)	: 23

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

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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

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Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 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 (EC 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)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Labelling of contents	

Data sources : JISZ 7253 : 2019.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
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
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.

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Full text of H- and EUH-statements:	
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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.