



DIESEL INJECTOR CLEANER

Product code: 77002

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Version: 2.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier.

Product form: Mixture

Product name: 77 Lubricants Diesel Injector Cleaner

UFI: 7K80-X0Q6-H005-64M3

Product code: 77002

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

Relevant identified uses

Main use category: Professional use

Function or use category: Lubricants and additives

1.3 Details of the supplier of the safety data sheet

• Manufacturer/Supplier:

- Petromark Automotive Chemicals B.V.
- Rooswijkweg 316
- 1951 ME Velsen-Noord – Nederland
- Tel +31 251 211397 / Fax. +31 251 212390
- info@petromark.eu

• Further information obtainable from: Research & Development: sales@petromark.eu

1.4 Emergency telephone: During normal business hours: Tel: +31 251 211397



Country/Area	Organisation/Company	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)



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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]

Aspiration hazard, Category 1 H304

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

May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

• 2.2 Label elements

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

Hazard pictograms (CLP) :



GHS08



GHS09

Signal word (CLP) : Danger

Contains : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements (CLP):

H304 - May be fatal if swallowed and enters airways.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP):

P273 - Avoid release to the environment.

P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.

P331 - Do NOT induce vomiting.

P391 - Collect spillage.

P405 - Store locked up.

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements:

EUH066 - Repeated exposure may cause skin dryness or cracking.

• 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 %



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics substance with a Community workplace exposure limit	CAS-No.: 64742-48-9 EC-No.: 918-481-9 REACH-no: 01-2119457273-39	≥ 75 - < 100	Asp. Tox. 1, H304 EUH066
2-ethylhexyl nitrate	CAS-No.: 27247-96-7 EC-No.: 248-363-6	≥ 2.5 - < 10	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.5 mg/l/4h) Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH044 EUH066
2-Ethyl-1-hexanol substance with national work-place exposure limit(s) (DE, NL); substance with a Community workplace exposure limit	CAS-No.: 104-76-7 EC-No.: 203-234-3 REACH-no: 01-2119487289-20	≥ 0.1 - < 1	Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

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:
- First-aid measures after inhalation:
- First-aid measures after skin contact:
- First-aid measures after eye contact:
- First-aid measures after ingestion:
- Self protection of the first-aider:

Call a physician immediately.
Remove person to fresh air and keep comfortable for breathing.
Wash skin with plenty of water.
Rinse eyes with water as a precaution.
Do not induce vomiting. Call a physician immediately.
First aid workers will be equipped with suitable personal protective equipment.



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

- **Symptoms/effects after inhalation:** None under normal conditions.
- **Symptoms/effects after skin contact:** None under normal conditions.
- **Symptoms/effects after eye contact:** None under normal conditions.
- **Symptoms/effects after ingestion:** Risk of lung oedema.

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

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES.

• 5.1 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media: Do not use a heavy water stream.

• 5.2 Special hazards arising from the substance or mixture

Fire hazard: No fire hazard.
Explosion hazard: No direct explosion hazard.
Hazardous decomposition products in case of fire: Toxic fumes may be released.

• 5.3 Advice for firefighters

Firefighting instructions: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
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: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
For non-emergency personnel
Protective equipment: Wear recommended personal protective equipment.
Emergency procedures: Ventilate spillage area.



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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:

Evacuate unnecessary personnel. Stop leak if safe to do so.

• 6.2 Environmental precautions:

Avoid release to the environment.

• 6.3 Methods and material for containment and cleaning up:

For containment:

Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

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

Additional hazards when processed: Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling:

Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures:

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

Technical measures:

Keep in a cool, well-ventilated place away from heat.

Storage conditions:

Store locked up.

Packaging materials:

Store always product in container of same material as original container.

• 7.3 Specific end use(s)

No additional information available.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

· 8.1 Control parameters

National occupational exposure and biological limit values

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1200 mg/m ³
	184 ppm

2-Ethyl-1-hexanol (104-76-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-ethylhexan-1-ol
IOEL TWA	5.4 mg/m ³
	1 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164

· 8.2 Exposure controls

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

Personal protective equipment: Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection: Safety glasses

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



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Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	5 (> 240 minutes), 6 (> 480 minutes)	≥ 0.5		EN ISO 374

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

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:	Colourless.
Molecular mass:	160 g/mol
Odour:	slight.
Odour threshold:	Not available
Melting point:	Not applicable
Freezing point:	Not available
Boiling point:	184 – 214 °C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics)
Flammability:	Non flammable.
Lower explosion limit:	0.6 vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics)
Upper explosion limit:	6 vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics)
Flash point:	65 °C
Auto-ignition temperature:	233 °C
Decomposition temperature:	Not available
pH:	Not available
Viscosity, kinematic:	1.7 mm ² /s @ 20°C
Solubility:	Water: 0.04 g/l
Partition coefficient n-octanol/water (Log Kow):	Not available
Partition coefficient n-octanol/water (Log Pow):	0.60206
Vapour pressure:	0.5 hPa @ 20°C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, <2% aromatics)
Vapour pressure at 50°C:	Not available
Density:	0.798 g/cm ³ @ 20°C
Relative density:	Not available
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable



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9.2. Other information

Other safety characteristics

VOC content: 90.4 %

Bulk density: 790 kg/m³

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

No additional information available

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

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
LD50 oral (rat)	> 15000 mg/kg bodyweight OECD 401
LD50 dermal (rat)	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal (rabbit)	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

2-ethylhexyl nitrate (27247-96-7)	
LD50 oral	9600 mg/kg bodyweight
LD50 dermal	4800 mg/kg bodyweight

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified



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Carcinogenicity: Not classified
Reproductive toxicity: Not classified
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified

2-Ethyl-1-hexanol (104-76-7)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure: Not classified	

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight/day

Aspiration hazard: May be fatal if swallowed and enters airways.

77 Lubricants Diesel Injector Cleaner	
Viscosity, kinematic	1.7 mm ² /s @ 20°C

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
Viscosity, kinematic	1.8 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)'

• **11.2 Information on other hazards**
No additional information available

SECTION 12: ECOLOGICAL INFORMATION.

• 12.1 Toxicity

Ecology - general: Toxic to aquatic life with long lasting effects.

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

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

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
LC50 - Fish [1]	> 1000 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	> 1000 mg/l Daphnia magna
EC50 72h - Algae [1]	> 1000 mg/l Pseudokirchneriella subcapitata



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2-ethylhexyl nitrate (27247-96-7)	
LC50 - Fish [1]	2 mg/l Brachydanio rerio
EC50 - Crustacea [1]	39 mg/l Daphnia magna
EC50 72h - Algae [1]	2.53 mg/l
NOEC chronic algae	2.22 mg/l

12.2. Persistence and degradability

77 Lubricants Diesel Injector Cleaner	
Persistence and degradability	Not rapidly degradable

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 60 % OECD 301F

2-ethylhexyl nitrate (27247-96-7)	
Persistence and degradability	Rapidly degradable

2-Ethyl-1-hexanol (104-76-7)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

77 Lubricants Diesel Injector Cleaner	
Partition coefficient n-octanol/water (Log Pow)	0.60206

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
Partition coefficient n-octanol/water (Log Pow)	$\geq 3.17 - \leq 7.22$ Method QSAR ECHA

2-ethylhexyl nitrate (27247-96-7)	
Partition coefficient n-octanol/water (Log Pow)	5.24 @ 40°C

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available



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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS.

Regional waste regulation:

Waste treatment methods:

Sewage disposal recommendations:

Product/Packaging disposal recommendations:

Additional information:

HP Code:

Disposal must be done according to official regulations.

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Disposal must be done according to official regulations.

Disposal must be done according to official regulations.

Do not re-use empty containers.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

HP15 - "Waste capable of exhibiting a hazardous property listed above not directly displayed by the original waste"



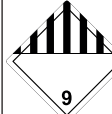

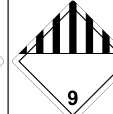
SECTION 14: TRANSPORT INFORMATION.

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMENTAL- LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate)	ENVIRONMENTAL- LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate)	Environmentally hazardous sub- stance, liquid, n.o.s. (2-ethylhexyl nitrate)	ENVIRONMENTAL- LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate)	ENVIRONMENTAL- LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate)



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Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (2-ethylhexyl nitrate), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ethylhexyl nitrate), 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-F	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

Classification code (ADR):

Special provisions (ADR):

Limited quantities (ADR):

Excepted quantities (ADR):

Packing instructions (ADR):

Special packing provisions (ADR):

Mixed packing provisions (ADR):

Portable tank and bulk container instructions (ADR):

Portable tank and bulk container special provisions (ADR):

Tank code (ADR):

Vehicle for tank carriage:

Transport category (ADR):

Special provisions for carriage - Packages (ADR):

Special provisions for carriage - Loading, unloading and handling (ADR):

Hazard identification number (Kemler No.):

M6
274, 335, 375, 601, 650
5I
E1
P001, IBC03, LP01, R001
PP1
MP19
T4
TP1, TP29
LGBV
AT
3
V12
CV13
90



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Orange plates:

Tunnel restriction code (ADR):

-

Transport by sea

Special provisions (IMDG):

274, 335, 375, 969

Limited quantities (IMDG):

5 L

Excepted quantities (IMDG):

E1

Packing instructions (IMDG):

LP01, P001

Special packing provisions (IMDG):

PP1

IBC packing instructions (IMDG):

IBC03

Tank instructions (IMDG):

T4

Tank special provisions (IMDG):

TP1, TP29

Stowage category (IMDG):

A

Air transport

PCA Excepted quantities (IATA):

E1

PCA Limited quantities (IATA):

Y964

PCA limited quantity max net quantity (IATA):

30kgG

PCA packing instructions (IATA):

964

PCA max net quantity (IATA):

450L

CAO packing instructions (IATA):

964

CAO max net quantity (IATA):

450L

Special provisions (IATA):

A97, A158, A197, A215

ERG code (IATA):

9L

Inland waterway transport

Classification code (ADN):

M6

Special provisions (ADN):

274, 335, 375, 601, 650

Limited quantities (ADN):

5 L

Excepted quantities (ADN):

E1

Carriage permitted (ADN):

T

Equipment required (ADN):

PP

Number of blue cones/lights (ADN):

0



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Rail transport

Classification code (RID):

M6

Special provisions (RID):

274, 335, 375, 601, 650

Limited quantities (RID):

5L

Excepted quantities (RID):

E1

Packing instructions (RID):

P001, IBC03, LP01, R001

Special packing provisions (RID):

PP1

Mixed packing provisions (RID):

MP19

Portable tank and bulk container instructions (RID):

T4

Portable tank and bulk container special provisions (RID):

TP1, TP29

Tank codes for RID tanks (RID):

LGBV

Transport category (RID):

3

Special provisions for carriage – Packages (RID):

W12

Special provisions for carriage - Loading, unloading and handling (RID):

CW13, CW31

Colis express (express parcels) (RID):

CE8

Hazard identification number (RID):

90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: REGULATORY INFORMATION.

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 substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Naphtha (petroleum), hydrotreated heavy (64742-48-9)

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

VOC Directive (2004/42)

VOC content: 90.4 %

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 chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION.

Abbreviations and acronyms:	
ACGIH	American Conference of Government Industrial Hygienists
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)
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	Chemical safety assessment
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor



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EN	European Standard
EWC	European waste catalogue
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
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
OSHA	Occupational Safety Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
PPE	Personal protection equipment
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TF	Technical function
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	Unique Formula Identifier



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Full text of H- and EUH-statements:	
Acute Tox. 4 (Der-mal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inha-lation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking.