

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 13-3-2014 Revision date: 3-2-2023 Supersedes: 19-1-2023 Version: 2.1

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

1.1. Product identifier

Product form : Mixture

Product name : Eurol Petrol Injection Cleaner

Product code : E802511 Type of product Organic solvent Product group Trade 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

Use of the substance/mixture : Organic solvent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Energiestraat 12 P.O. Box 135 NL-7442 DA Nijverdal The Netherlands

T+31 548 615165

reach@eurol.com - www.eurol.com

1.4. Emergency telephone number

Emergency number : +31 79 3467 808

EVOFENEDEX

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD 2090	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

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

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

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Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



GHS08

CLP Signal word : Dange

Contains : Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics; Hydrocarbons,

C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics: H304 - May be fatal if swallowed and enters airways.

Hazard statements (CLP)

: H304 - May be fatal if swallowed and enters airways.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do

NOT induce vomiting. 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. EUH066 - Repeated exposure may cause skin dryness or cracking.

Child-resistant fastening : Applicable Tactile warning : Applicable

2.3. Other hazards

FUH-statements

Other hazards not contributing to the classification

: This product floats on water and may affect the oxygen-balance in the water. Material can accumulate some static charge during transfer. Flammable or explosive vapour/air mixtures may be formed.

Contains no PBT/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 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 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]
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 926-141-6 REACH-no: 01-2119456620- 43	≥ 50	Asp. Tox. 1, H304
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: 64742-48-9: Naphtha (petroleum), hydrotreated heavy EC-No.: 918-481-9 REACH-no: 01-2119457273-	3 – 5	Asp. Tox. 1, H304
Phenol, (dimethylamino)methyl-, polyisobutylene derivs.	-	3 – 5	Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Naphthalene substance with national workplace exposure limit(s) (IE, MT); substance with a Community workplace exposure limit	CAS-No.: 91-20-3 EC-No.: 202-049-5 EC Index-No.: 601-052-00-2 REACH-no: 01-2119561346- 37	< 0,1	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

SECTION 4: First aid measures

First-aid measures after eye contact

4.1. Description of first aid measures

First-aid measures general : Seek medical attention if ill effect develops.

First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area. Allow the victim to

rest. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.

: Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical

attention if pain, blinking, tears or redness persist.

First-aid measures after ingestion : Do not induce vomiting. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Vomiting after ingestion may cause aspiration into the lungs, which may

cause severe lungdamage or death.

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

Symptoms/effects after inhalation : High concentration of vapours may induce: headache, dizziness, drowsiness, nausea and

vomiting

Symptoms/effects after skin contact : Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated

exposure may lead to dermatitis.

Symptoms/effects after eye contact : Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Contact with the eyes is likely to be irritating. Harmful: may cause lung damage if

swallowed

Symptoms/effects after ingestion : Bad taste. Harmful: may cause lung damage if swallowed. Vomiting after ingestion may

cause aspiration into the lungs, which may cause severe lungdamage or death.

Symptoms/effects upon intravenous administration : Unknown.

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 : carbon dioxide (CO2), dry chemical powder, foam. Water fog.

Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustion generates: CO, CO2.

Explosion hazard : May form flammable/explosive vapour-air mixture.

Hazardous decomposition products in case of fire : CO, CO2.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Firefighting instructions : Use water spray or fog for cooling exposed containers.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

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Other information

: Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. Heavier than air, vapours may travel long distances along ground, ignite and flash back to source.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Prevent soil and water pollution. Spill area may be slippery. Prevent build-up of electrostatic charges (e.g, by grounding). Remove all sources of ignition.

6.1.1. For non-emergency personnel

Protective equipment

: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

Emergency procedures

: Consider evacuation.

6.1.2. For emergency responders

Protective equipment

: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

Emergency procedures

: No specific measures are necessary.

6.2. Environmental precautions

Prevent soil and water pollution. Prevent entry to sewers and public waters. Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment

Methods for cleaning up

Other information

- : Contain large spillage with sand or earth.
- : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.
- : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container.

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

: In use, may form flammable vapour-air mixture. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

Precautions for safe handling

: Avoid prolonged and repeated contact with skin. Do not eat, drink or smoke when using this product. May be dangerously slippery if spilled. Take off contaminated clothing. Where contact with eyes or skin is likely, wear suitable protection. Prevent build-up of electrostatic charges (e.g, by grounding). No naked lights. No smoking. Provide local exhaust or general room ventilation to minimize mist and/or vapour concentrations.

Hygiene measures

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse. Cloth, paper and other materials that are used to absorb spills present a fire hazard.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a dry place. Store in a closed container. Store away from direct sunlight or other

heat sources.

Storage conditions : Keep only in original container.

Incompatible products : Reacts vigorously with strong oxidizers and acids.

Maximum storage period : 5 year Storage temperature : \leq 40 °C

Information on mixed storage : Keep away from : Oxidizing materials. Strong acids.

Storage area : Store at ambient temperature.

Special rules on packaging : Keep container tightly closed and dry.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

laphthalene (91-20-3)		
EU - Indicative Occupational Exposure Limit (IOEL)	Indicative Occupational Exposure Limit (IOEL)	
Local name	Naphthalene	
IOELV TWA (mg/m³)	50 mg/m³	
Notes	(Year of adoption 2010)	
Regulatory reference	COMMISSION DIRECTIVE 91/322/EEC; SCOEL Recommendations	
Ireland - Occupational Exposure Limits		
Local name	Naphthalene	
OEL (8 hours ref) (mg/m³)	50 mg/m³	
OEL (8 hours ref) (ppm)	10 ppm	
Regulatory reference	Chemical Agents Code of Practice 2021	
Malta - Occupational Exposure Limits		
Local name	Naphtalene	
OEL TWA (mg/m³)	50 mg/m³	
OEL TWA (ppm)	10 ppm	
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.57 of 2018)	

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

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide for appropriate exhaust ventilation at places of vapours accumulation. Use explosion-proof equipment. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Large quantities: Contain large spillage with sand or earth.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side shields. Eye protection should only be necessary where liquid could be splashed or sprayed

8.2.2.2. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Hand protection	tection				
Type Material		Permeation	Thickness (mm)	Penetration	Standard
Chemical resistant gloves (according to European standard EN 374 or equivalent)	Nitrile rubber (NBR), Butyl rubber	6 (> 480 minutes)	0.6-0.8mm		

Other skin protection

Materials for protective clothing:

Neoprene or nitrile rubber gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

8.2.2.3. Respiratory protection

Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

See Heading 12. See Heading 6.

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Consumer exposure controls:

Provide good ventilation in process area to prevent formation of vapour. Neoprene or nitrile rubber gloves.

Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour Colourless. Appearance : Liquid. Odour : characteristic. Odour threshold : Not available Not available Melting point Freezing point : Not available Boiling point : > 100 °C Flammability (solid, gas) : Not available **Explosive limits** : 0.6 - 7 vol %Lower explosive limit (LEL) : 0,6 vol % Upper explosive limit (UEL) : 7 vol %

Flash point : > 62 °C ASTM D 93

Auto-ignition temperature : > 200 °C

Decomposition temperature : Not available
pH : Not available

Viscosity, kinematic : 2 – 4,5 mm²/s at 40 °C, ASTM D 445

Solubility : insoluble in water.

Log Kow : Not available

Log Pow : > 3

Vapour Pressure 20°C : < 3 hPa

Vapour pressure at 50°C : Not available
Density : 0,805 – 0,815 kg/l ASTM D 4052

Relative density : Not available
Relative vapour density at 20°C : > 1 (air = 1)
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits : 0,6 – 7 vol %

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : < 0,1

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Keep away from naked flames/heat.

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10.5. Incompatible materials

Strong oxidizing agents. strong acids.

10.6. Hazardous decomposition products

CO, CO2.

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

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ydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/l (OECD 402 method)
LC50 Inhalation - Rat	5000 mg/m³
ATE CLP (vapours)	5 mg/l/4h
ATE CLP (dust,mist)	5 mg/l/4h

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9: Naphtha (petroleum), hydrotreated heavy)

LD50 oral rat	> 5000 mg/kg (OECD 401 method)
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)
LC50 Inhalation - Rat	> 4,9 mg/l (OECD 403 method)

Naphthalene (91-20-3)

LD50 oral rat	2600 mg/kg
LD50 dermal rat	> 2500 ml/kg
ATE CLP (oral)	500 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
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

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

	Euro	l Petro	l Injec	tion C	leaner
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Viscosity, kinematic 2 – 4,5 mm²/s at 40 °C, ASTM D 445

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Viscosity, kinematic 1,7 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

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Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9: Naphtha (petroleum), hydrotreated heavy)			
Viscosity, kinematic	1,8 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'		

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Ecotoxicological data have not been determined specifically for this product. Information

given is based on a knowledge of the components and the ecotoxicology of similar

products

Ecology - water : This product floats on water and may affect the oxygen-balance in the water.

Hazardous to the aquatic environment, short-term

acute)

: Not classified

Hazardous to the aquatic environment, long-term

(chronic)

: Not classified

Hydrocarbons, C11-C14, n-alkanes, isoalkane	ocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	
LC50 fish 1	1000 mg/l (96h; Oncorhynchus mykiss)	
LC50 other aquatic organisms 1	1000 mg/l (72h; Pseudokirchneriella subcapitata)	
EC50 Daphnia 1	1000 mg/l (48h; Daphnia magna)	
Hydrocarbons, C10-C13, n-alkanes, isoalkane heavy)	s, cyclics, <2% aromatics (64742-48-9: Naphtha (petroleum), hydrotreated	
LC50 fish 1	> 1000 mg/l Oncorhynchus mykiss (Rainbow trout)	
EC50 Daphnia 1	> 1000 mg/l EC50 48h - Daphnia magna [mg/l]	
EC50 72h - Algae [1]	> 1000 mg/l Pseudokirchneriella subcapitata	
Phenol, (dimethylamino)methyl-, polyisobutyl	ene derivs.	
LC50 fish 1	31 mg/l Pimephales promelas	
EC50 Daphnia 1	> 100 mg/l	
EC50 72h - Algae [1]	> 450 mg/l	
Naphthalene (91-20-3)		
LC50 fish 1	0,51 mg/l	
EC50 Daphnia 1	3,4 mg/l	

12.2. Persistence and degradability

Eurol Petrol Injection Cleaner	etrol Injection Cleaner	
Persistence and degradability	Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9: Naphtha (petroleum), hydrotreate heavy)		
Biodegradation	80 %	

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12.3. Bioaccumulative potential

Eurol Petrol Injection Cleaner	
Log Pow	> 3
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

12.4. Mobility in soil

Eurol Petrol Injection Cleaner	
Ecology - soil Not miscible with water. Spillages may penetrate the soil causing ground water contamination.	

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 legislation (waste) : Disposal must be done according to official regulations.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not discharge

into drains or the environment.

Additional information : Hazardous waste.

Ecology - waste materials : When not empty dispose of this container at hazardous or special waste collection point.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	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 haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	n available	1		1

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14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

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)

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b)	Eurol Petrol Injection Cleaner ; Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics ; Naphthalene
3(c)	Phenol, (dimethylamino)methyl-, polyisobutylene derivs.; Naphthalene

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)

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 additional information available

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SECTION 16: Other information

Abbreviations and acr	ronyms:	
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)	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
CAS-No.	Chemical Abstract Service number	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
ED	Endocrine disrupting properties	
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	
N.O.S.	Not Otherwise Specified	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
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	
VOC	Volatile Organic Compounds	
vPvB	Very Persistent and Very Bioaccumulative	

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Abbreviations and acronyms:		
WGK	Water Hazard Class	
Data sources		: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Supplier's safety documents. ECHA (European Chemicals Agency).
Other information		: None.

Full text of H- and EUH-statements:		
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	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
Carc. 2	Carcinogenicity, Category 2	
EUH066	Repeated exposure may cause skin dryness or cracking.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H351	Suspected of causing cancer.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Asp. Tox. 1	H304	Calculation method

Safety Data Sheet (SDS), EU

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

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