



# PROFESSIONAL WORKSHOP INJECTOR CLEANER PETROL BARD AHL

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : PROFESSIONAL WORKSHOP INJECTOR CLEANER PETROL BARD AHL  
Product code : 1036B # 736130BR1  
Type of product : Detergent

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Function or use category : Cleaning/washing agents and additives

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Distributor

SADAPS BARD AHL Additives & Lubricants  
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3  
7522 TOURNAI - BELGIQUE  
T +32 (0).69.59.03.60 - F +32 (0).69.59.03.61  
[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahlfrance.com](http://www.bardahlfrance.com)

##### Supplier

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[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahlfrance.com](http://www.bardahlfrance.com)

#### 1.4. Emergency telephone number

Emergency number : + 32 (0)70.245.245 / +33 (0)1.45.42.59.59

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Repeated exposure, Category 2	H373
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H statements : see section 16

##### 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) :



GHS02



GHS07



GHS08



GHS09

Signal word (CLP) : Danger

Hazardous ingredients : isopropanol; xylene (mixture); Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour

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	H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness H373 - May cause damage to organs (central nervous system, kidneys, liver) through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	: P102 - Keep out of reach of children P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P233 - Keep container tightly closed P260 - Do not breathe vapours P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment P280 - Wear protective gloves, eye protection/face protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor P331 - Do NOT induce vomiting P302+P352 - IF ON SKIN: Wash with plenty of water P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a doctor if you feel unwell P337+P313 - If eye irritation persists: Get medical advice/attention P391 - Collect spillage P403+P235 - Store in a well-ventilated place. Keep cool P501 - Dispose of contents/container to a hazardous or special waste collection point
Extra phrases	: For professional users only

### 2.3. Other hazards

No additional information available

## 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]
xylene (mixture)	(CAS-No.) 1330-20-7 (EC-No.) 215-535-7 (EC Index-No.) 601-022-00-9 (REACH-no) 01-2119488216-32	20-40	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
isopropanol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25	20-40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	(EC-No.) 927-510-4 (REACH-no) 01-2119475515-33	20-40	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
4-methylpentan-2-ol	(CAS-No.) 108-11-2 (EC-No.) 203-551-7 (EC Index-No.) 603-008-00-8 (REACH-no) 01-2119473979-13	5-15	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H335
Ethylbenzene	(CAS-No.) 100-41-4 (EC-No.) 202-849-4 (EC Index-No.) 601-023-00-4 (REACH-no) 01-2119489370-35	<10	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Poly[oxy(1,2-propanediyl)],alpha-(3-aminopropyl)-omega-hydroxy-C12-15 alkyl ethers	(EC-No.) POLYMER	<1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Toluene	(CAS-No.) 108-88-3 (EC-No.) 203-625-9 (EC Index-No.) 601-021-00-3 (REACH-no) 01-2119471310-51	<1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Poly[oxy(1,2-propanediyl)], alpha-propyl-omega-hydroxy-C12-15 alkyl ethers	(EC-No.) POLYMER	<0.1	Skin Irrit. 2, H315 Eye Dam. 1, H318
naphthalene substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (FR)	(CAS-No.) 91-20-3 (EC-No.) 202-049-5 (EC Index-No.) 601-052-00-2	<0.1	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
4-methylpentan-2-ol	(CAS-No.) 108-11-2 (EC-No.) 203-551-7 (EC Index-No.) 603-008-00-8 (REACH-no) 01-2119473979-13	(C >= 25) STOT SE 3, H335
Poly[oxy(1,2-propanediyl)],alpha-(3-aminopropyl)-omega-hydroxy-C12-15 alkyl ethers	(EC-No.) POLYMER	(C <= 32,88) Eye Dam./Irrit. Not classified ( 32,88 <C <= 36,18) Eye Irrit. 2, H319 (C > 36,18) Eye Dam. 1, H318
Poly[oxy(1,2-propanediyl)], alpha-propyl-omega-hydroxy-C12-15 alkyl ethers	(EC-No.) POLYMER	(C <= 32,88) Eye Dam./Irrit. Not classified ( 32,88 <C <= 36,12) Eye Irrit. 2, H319 (C > 36,18) Eye Dam. 1, H318

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Remove contaminated clothes. Wash skin with plenty of water. Wash contaminated clothing before reuse.
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	: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/effects after inhalation	: May cause respiratory irritation. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be fatal if swallowed and enters airways.

### 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. Water spray. Dry powder. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour.
Hazardous decomposition products in case of fire	: Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

### 5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Prevent liquid from entering sewers, watercourses, underground or low areas.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Eliminate every possible source of ignition. Ensure adequate ventilation, especially in confined areas. Keep public away from danger area. Equip cleanup crew with proper protection.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

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

#### 6.3. Methods and material for containment and cleaning up

For containment : Recover the product with absorbent material.  
Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product.  
Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep out of frost. Keep away from heat.  
Maximum storage period : 60 months

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

isopropanol (67-63-0)		
Belgium	Limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	400 ppm
France	VLE (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
France	VLE (ppm)	400 ppm
xylene (mixture) (1330-20-7)		
France	VME (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
France	VME (ppm)	50 ppm
France	VLE (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
France	VLE (ppm)	110 ppm
Ethylbenzene (100-41-4)		
France	VME (mg/m <sup>3</sup> )	551 mg/m <sup>3</sup>
France	VME (ppm)	125 ppm
France	VLE (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
France	VLE (ppm)	100 ppm
Toluene (108-88-3)		
France	VME (mg/m <sup>3</sup> )	77 mg/m <sup>3</sup>
France	VME (ppm)	20 ppm
France	VLE (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
France	VLE (ppm)	100 ppm
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics		
France	VME (mg/m <sup>3</sup> )	1600 mg/m <sup>3</sup>

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Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics		
France	VME (ppm)	395 ppm
France	VLE (mg/m <sup>3</sup> )	903 mg/m <sup>3</sup>
naphthalene (91-20-3)		
EU	IOELV TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	10 ppm
France	VME (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
France	VME (ppm)	10 ppm

### 8.2. Exposure controls

#### Hand protection:

Protective gloves. EN 374

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)		3 (> 0.65)	EN 374

#### Eye protection:

Safety glasses. EN 166

Type	Use	Characteristics	Standard
Safety glasses		With side shields	EN 166

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Good ventilation of the workplace required. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment

Device	Filter type	Condition	Standard
Breathing equipment	Filter	Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit	



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: solvents.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: < 10 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available

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Relative density	: 0,79 - 0,8 (20°C)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: < 20 mm <sup>2</sup> /s (40°C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## 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

Not established.

### 10.4. Conditions to avoid

Heat. Open flame. Sparks. Water, humidity. Freezing.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

ATE CLP (dust,mist)	4,6422126048 mg/l/4h
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<b>isopropanol (67-63-0)</b>	
LD50 oral rat	5840 mg/kg (OCDE 401)
LD50 dermal rabbit	13900
LC50 inhalation rat (mg/l)	> 25000 mg/m <sup>3</sup> (OCDE 403)

<b>xylene (mixture) (1330-20-7)</b>	
LD50 oral rat	2000 mg/kg
LD50 dermal	1100 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1,5 mg/l/4h
LC50 inhalation rat (Vapours - mg/l/4h)	11 mg/l/4h

<b>Toluene (108-88-3)</b>	
LD50 oral rat	5580 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	28,1 mg/l/4h

<b>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics</b>	
LD50 oral rat	> 5840 mg/kg
LD50 dermal	> 2920 mg/kg
LC50 inhalation rat (mg/l)	23,3 mg/l/4h

<b>naphthalene (91-20-3)</b>	
LD50 oral	490 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LD50 dermal	> 2500 mg/kg
LC50 inhalation rat (mg/l)	> 340 mg/m <sup>3</sup>

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<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

STOT-single exposure	: May cause respiratory irritation. May cause drowsiness or dizziness.
STOT-repeated exposure	: May cause damage to organs (central nervous system, kidneys, liver) through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.

<b>PROFESSIONAL WORKSHOP INJECTOR CLEANER PETROL BARDAHL</b>	
Viscosity, kinematic	< 20 mm <sup>2</sup> /s (40°C)

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

<b>isopropanol (67-63-0)</b>	
LC50 fish 1	9640 mg/l (Pimephales promelas - OCDE 203)
EC50 Daphnia 1	9714 mg/l (24h - OCDE 202)

<b>xylene (mixture) (1330-20-7)</b>	
LC50 fish 1	2 - 11 mg/l
LC50 fish 2	13,5 mg/l
LC50 other aquatic organisms 1	21 mg/l
EC50 Daphnia 1	1 - 5 mg/l
EC50 72h algae (1)	3 - 5 mg/l

<b>Ethylbenzene (100-41-4)</b>	
LC50 fish 1	12,1 mg/l
EC50 Daphnia 1	1,8 - 2,4 mg/l
EC50 72h algae (1)	438 mg/l

<b>Toluene (108-88-3)</b>	
LC50 fish 1	5,5 mg/l
EC50 Daphnia 1	3,78 mg/l
EC50 72h algae (1)	10 mg/l
LOEC (chronic)	2,77 mg/l 40 days onchorhynchus mykiss
NOEC chronic fish	1,39 mg/l 40 days onchorhynchus mykiss
NOEC chronic crustacea	10 mg/l

<b>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics</b>	
LC50 fish 1	> 13,4
EC50 Daphnia 1	3 mg/l 48 hours
EC50 72h algae (1)	10 - 30 mg/l

<b>Hydrocarbons, C10, aromatics, &gt;1% naphthalene</b>	
LC50 fish 1	2 mg/l 4 days
EC50 other aquatic organisms 1	3 mg/l aquatic invertebrates
EC50 other aquatic organisms 2	1,1 mg/l algae

<b>naphthalene (91-20-3)</b>	
LC50 fish 2	>= 2350 µg/l 48 hours
EC50 Daphnia 1	1,96 mg/l 48 hours

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<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
LC50 fish 1	> 45 mg/l
LC50 fish 1	31 mg/l 4 days
EC50 other aquatic organisms 1	> 100 mg/l aquatic invertebrates
EC50 96h algae (1)	> 450 mg/l

### 12.2. Persistence and degradability

<b>isopropanol (67-63-0)</b>	
Persistence and degradability	Readily biodegradable.
<b>xylene (mixture) (1330-20-7)</b>	
Persistence and degradability	Readily biodegradable.
<b>Ethylbenzene (100-41-4)</b>	
Persistence and degradability	Readily biodegradable.
<b>Toluene (108-88-3)</b>	
Persistence and degradability	Readily biodegradable.
<b>Hydrocarbons, C10, aromatics, &gt;1% naphthalene</b>	
Biodegradation	58 % 28 days
Biodegradation	20,7 % 28 days

### 12.3. Bioaccumulative potential

<b>isopropanol (67-63-0)</b>	
Bioaccumulative potential	not bioaccumulable.
<b>xylene (mixture) (1330-20-7)</b>	
Log Pow	2,77 - 3,15
Bioaccumulative potential	not bioaccumulable.
<b>Ethylbenzene (100-41-4)</b>	
Log Pow	3,5
<b>Toluene (108-88-3)</b>	
Bioconcentration factor (BCF REACH)	90
Log Pow	2,65
Bioaccumulative potential	not bioaccumulable.

### 12.4. Mobility in soil

<b>xylene (mixture) (1330-20-7)</b>	
Ecology - soil	insoluble in water. Floats on water.
<b>Ethylbenzene (100-41-4)</b>	
Ecology - soil	insoluble in water.
<b>Toluene (108-88-3)</b>	
Surface tension	0,0242 mN/m 20°C

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Sewage disposal recommendations	: Do not discharge into drains or the environment.
Product/Packaging disposal recommendations	: Collect all waste in suitable and labelled containers and dispose according to local legislation.
Ecology - waste materials	: Do not discharge the product into the environment.







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### SECTION 14: Transport information

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

ADR	IMDG	IATA	RID
<b>14.1. UN number</b>			
1993	1993	1993	1993
<b>14.2. UN proper shipping name</b>			
FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	Flammable liquid, n.o.s.	FLAMMABLE LIQUID, N.O.S.
<b>Transport document description</b>			
UN 1993 FLAMMABLE LIQUID, N.O.S. (CONTAINS ; isopropanol ; xylene (mixture)), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1993 Flammable liquid, n.o.s., 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, II, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>			
3	3	3	3
			
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : 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)	: F1
Special provisions (ADR)	: 274, 601, 640D
Limited quantities (ADR)	: 11
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP8, TP28
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage - Operation (ADR)	: S2, S20
Hazard identification number (Kemler No.)	: 33
Orange plates	: 

Tunnel restriction code (ADR) : D/E

#### - Transport by sea

Special provisions (IMDG)	: 274
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7

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Tank special provisions (IMDG) : TP1, TP8, TP28  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-E  
Stowage category (IMDG) : B

### - Air transport

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3  
ERG code (IATA) : 3H

### - Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 274, 601, 640D  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001, IBC02, R001  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T7  
Portable tank and bulk container special provisions (RID) : TP1, TP8, TP28  
Tank codes for RID tanks (RID) : LGBF  
Transport category (RID) : 2  
Colis express (express parcels) (RID) : CE7  
Hazard identification number (RID) : 33

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
aromatic hydrocarbons	>=30%
aliphatic hydrocarbons	15-30%

#### 15.1.2. National regulations

##### France

Occupational diseases : RG 4 BIS - Affections gastro-intestinales provoquées par le benzène, le toluène, les xylènes et tous les produits en renfermant  
RG 84 - Affections engendrées par les solvants organiques liquides à usage professionnel

##### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)  
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

# PROFESSIONAL WORKSHOP INJECTOR CLEANER PETROL BARDAHL

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: xylene (mixture), Toluene are listed

### Denmark

Class for fire hazard	: Class I-1
Store unit	: 1 liter
Classification remarks	: F <Flam. Liq. 2>; Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 2	Flammable solids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361d	Suspected of damaging the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life

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H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

*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*