

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

#### 1.1. Product identifier

Product form : Mixture  
 Article number : 01200  
 Product code : 012

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

##### 1.2.1. Relevant identified uses

Function or use category : Fuel additives

##### 1.2.2. Uses advised against

No additional information available

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

BARDAHL NL - OCD NEDERLAND BV  
 Maxwellstraat 41  
 3316 GP Dordrecht - Nederland  
 T 0031 78 651 2322 - F 0031 78 617 4848  
[rjonker@bardahl.nl](mailto:rjonker@bardahl.nl) - [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 2908 2010  
 During office hours: 8.30 t/m 17:00 h

Country	Organization/Company	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	

### SECTION 2: Hazards identification

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

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

Flammable liquids Category 3 H226  
 Skin corrosion/irritation Category 2 H315  
 Serious eye damage/eye irritation Category 2 H319  
 Aspiration hazard Category 1 H304  
 Hazardous to the aquatic environment - Chronic Hazard Category 2 H411

Full text of H statements : see section 16

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclicsm <2% aromatics, Aliphatic hydrocarbons >30%, Aromatic hydrocarbons> 30%

Hazard statements (CLP) :

H226 - Flammable liquid and vapor  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P501 - Dispose of contents/container in accordance with local regulations.  
 P405 - Store locked up  
 P403+P235 - Store in a well-ventilated place. Keep cool  
 P391 - Collect spillage

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P337+P313 - If eye irritation persists: Get medical advice/attention  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P302+P352 - IF ON SKIN: Wash with plenty of water  
P331 - Do NOT induce vomiting  
P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER  
P280 - Wear eye protection, face protection, protective gloves  
P273 - Avoid release to the environment  
P262 - Do not get in eyes, on skin, or on clothing  
P260 - Do not breathe vapors  
P233 - Keep container tightly closed  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P102 - Keep out of reach of children  
P101 - If medical advice is needed, have product container or label at hand

EUH phrases : EUH044 - Risk of explosion if heated under confinement  
EUH066 - Repeated exposure may cause skin dryness or cracking

Security closing plug for children. : No

Tactile warning : No

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclicsm <2% aromatics	(CAS No) 64742-48-9 (EC no) 918-481-9 (REACH-no) 01-2119457273-39-XXXX	25 - 50	Asp. Tox. 1, H304
xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32-XXXX	10 - 20	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304
2 Ethyl hexyl nitrate	(CAS No) 27247-96-7 (EC no) 248-363-6 (REACH-no) 01-2119539586-27-XXXX	10 - 15	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Aquatic Chronic 2, H411
Kerosene; heavy aromatic naphtha solvent	(CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424-00-3	< 10	Flam. Liq. 3, H226 Eye Irrit. 2, H319 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	< 10	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332
Solvent naphtha (petroleum), heavy aromatic	(CAS No) 64742-94-5 (EC no) 265-198-5 (EC index no) 649-424-00-3	< 2	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Ethylhexylique (2-) Alcool	(CAS No) 104-76-7 (EC no) 203-234-3 (REACH-no) 01-2119487289-20-XXXX	< 2	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Solvent naphtha (petroleum), light aromatic	(CAS No) 64742-95-6 (EC no) 265-199-0 (EC index no) 649-356-00-4 (REACH-no) 01-2119486773-24	< 2	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
1,2,4-trimethylbenzene	(CAS No) 95-63-6 (EC no) 202-436-9 (EC index no) 601-043-00-3	< 2	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Aquatic Chronic 2, H411
naphthalene	(CAS No) 91-20-3 (EC no) 202-049-5 (EC index no) 601-052-00-2	< 0.5	Carc. 2, H351 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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cumene	(CAS No) 98-82-8 (EC no) 202-704-5 (EC index no) 601-024-00-X	< 0.5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Aquatic Chronic 2, H411
mesitylene, 1,3,5-trimethylbenzene	(CAS No) 108-67-8 (EC no) 203-604-4 (EC index no) 601-025-00-5	< 0.5	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411
propylbenzene	(CAS No) 103-65-1 (EC no) 203-132-9 (EC index no) 601-024-00-X	< 0.5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Aquatic Chronic 2, H411

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
mesitylene, 1,3,5-trimethylbenzene	(CAS No) 108-67-8 (EC no) 203-604-4 (EC index no) 601-025-00-5	(C >= 25) STOT SE 3, H335

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Assure fresh air breathing. If not breathing, give artificial respiration.
First-aid measures after skin contact	: For even minor contact, immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water.
First-aid measures after eye contact	: Rinse immediately with plenty of water.
First-aid measures after ingestion	: Do NOT induce vomiting. If swallowed seek medical advice immediately and show this container or label.

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

Symptoms/injuries after inhalation	: Not expected to be an irritant.
Symptoms/injuries after skin contact	: Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries 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. Powder. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Fire hazard	: Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.
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### 5.3. Advice for firefighters

Protection during firefighting	: Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.
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## SECTION 6: Accidental release measures

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

General measures	: Eliminate every possible source of ignition.
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#### 6.1.1. For non-emergency personnel

Emergency procedures	: Keep public away from danger area.
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#### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
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### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up	: Clean up any spills as soon as possible, using an absorbent material to collect it. Take up large spills with pump or vacuum.
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### 6.4. Reference to other sections

No additional information available

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### 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. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Remove/Take off immediately all contaminated clothing. No smoking. Do not breathe the gas, fumes, vapour or spray. Wear suitable protective clothing.

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

Storage conditions : Store in dry, cool, well-ventilated area. Store in original container.  
Maximum storage period : 5 year

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclicsm <2% aromatics (64742-48-9)		
France	VME (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
France	VME (ppm)	184 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	5
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
xylene (1330-20-7)		
EU	IOELV TWA (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (ppm)	150 ppm
Austria	MAK (mg/m <sup>3</sup> )	210 mg/m <sup>3</sup> (Long term value)
Austria	MAK (ppm)	50 ppm (Long term value)
Austria	MAK Short time value (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	100 ppm
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)	100 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	210 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (ppm)	50 ppm
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (ppm)	100 ppm
2 Ethyl hexyl nitrate (27247-96-7)		
EU	IOELV TWA (ppm)	1 ppm
EU	IOELV STEL (ppm)	1 ppm
ethylbenzene (100-41-4)		
EU	IOELV TWA (mg/m <sup>3</sup> )	434 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	543 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	125 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	215 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (ppm)	50 ppm
Solvent naphtha (petroleum), heavy aromatic (64742-94-5)		
EU	IOELV TWA (mg/m <sup>3</sup> )	2000 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	500 ppm
Ethylhexylique (2-) Alcool (104-76-7)		
France	VME (ppm)	50 ppm
France	VLE (ppm)	100 ppm
1,2,4-trimethylbenzene (95-63-6)		
EU	IOELV TWA (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	25 ppm
France	VME (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
France	VME (ppm)	20 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (ppm)	20 ppm

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<b>naphthalene (91-20-3)</b>		
EU	IOELV TWA (mg/m <sup>3</sup> )	52 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	79 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	15 ppm
Austria	MAK (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Belgium	Limit value (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Belgium	Short time value (mg/m <sup>3</sup> )	53 mg/m <sup>3</sup>
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup> 8h
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	75 mg/m <sup>3</sup> 15 min
Denmark	Limit (short-term) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min)	100 mg/m <sup>3</sup>
France	VME (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
France	VME (ppm)	10 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	80 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA - ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	15 fibers/cm <sup>3</sup>
<b>cumene (98-82-8)</b>		
EU	IOELV TWA (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	50 ppm
France	VME (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
France	VME (ppm)	20 ppm
France	VLE (mg/m <sup>3</sup> )	250 mg/m <sup>3</sup>
France	VLE (ppm)	50 ppm
Netherlands	MAC C (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>
<b>mesitylene, 1,3,5-trimethylbenzene (108-67-8)</b>		
EU	IOELV TWA (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	25 ppm
France	VME (ppm)	25 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 8H (ppm)	20 ppm

### 8.2. Exposure controls

Hand protection	: Wear gloves to EN374 resistant to the solvent(s) in use
Eye protection	: Use eye protection to EN 166, designed to protect against liquid splashes
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Where excessive vapor may result, wear approved mask.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: Dark brown.
Odor	: hydrocarbons.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 45 °C
Auto-ignition temperature	: > 250
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available

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Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.845 - 0.855
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: < 20 mm <sup>2</sup> /s
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: 0.6 - 7 vol %

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

Open flame. Sparks. Heat.

### 10.5. Incompatible materials

Strong oxidizers.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Hydrocarbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Section 2

<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclicsm &lt;2% aromatics (64742-48-9)</b>	
LD50 oral rat	5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 4900 mg/m <sup>3</sup>
<b>xylene (1330-20-7)</b>	
LD50 oral rat	4300 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (mg/l)	6350 mg/l/4h
<b>2 Ethyl hexyl nitrate (27247-96-7)</b>	
LD50 oral rat	> 9860
LD50 dermal rabbit	> 4820
<b>Ethylhexylique (2-) Alcool (104-76-7)</b>	
LD50 oral rat	3290 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 inhalation rat (mg/l)	0.89 - 5.3 mg/l/4h
<b>Solvent naphtha (petroleum), light aromatic (64742-95-6)</b>	
LD50 oral rat	3295 mg/kg
LD50 dermal rat	> 3160 mg/kg
LC50 inhalation rat (Vapors - mg/l/4h)	> 10.2 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

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Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

### 01200

Viscosity, kinematic	< 20 mm <sup>2</sup> /s
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## SECTION 12: Ecological information

### 12.1. Toxicity

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

#### xylene (1330-20-7)

LC50 other aquatic organisms 1	8.9 - 16.4 mg/l (Pimephales promelas 96h)
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EC50 Daphnia 1	3.2 - 9.5 mg/l (Daphnia magna) (48h)
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#### Solvent naphtha (petroleum), light aromatic (64742-95-6)

LC50 other aquatic organisms 2	9.2 mg/l (Oncorhynchus mykiss (96h))
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EC50 Daphnia 1	3.2 mg/l (48h)
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NOEC (acute)	1 mg/l (Pseudokirchneriella subcapitata) (72h)
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### 12.2. Persistence and degradability

#### naphthalene (91-20-3)

Persistence and degradability	Inherently biodegradable.
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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Do not empty into drains. Dispose of this material and its container to hazardous or special waste collection point.

## SECTION 14: Transport information

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

### 14.1. UN number

UN-No. (ADR) : 1993

UN-No. (IMDG) : 1993

UN-No. (IATA) : 1993

UN-No. (ADN) : 1993

UN-No. (RID) : 1993

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, N.O.S.

Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S.

Proper Shipping Name (IATA) : Flammable liquid, n.o.s.

Proper Shipping Name (ADN) : FLAMMABLE LIQUID, N.O.S.

Proper Shipping Name (RID) : FLAMMABLE LIQUID, N.O.S.

Transport document description (ADR) : UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS

Transport document description (IMDG) : UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 3

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Hazard labels (ADR) : 3



### IMDG

Transport hazard class(es) (IMDG) : 3

Hazard labels (IMDG) : 3



### IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3



### ADN

Transport hazard class(es) (ADN) : 3

Hazard labels (ADN) : 3



### RID

Transport hazard class(es) (RID) : 3

Hazard labels (RID) : 3



#### 14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

#### 14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : Clean up even minor leaks or spills if possible without unnecessary risk.



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### 14.6. Special precautions for user

Emergency action in case of accident: : No naked lights. No smoking., Keep public away from danger area., NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY., The driver shall not attempt to deal with any fire of the load., Stop the engine., Mark roads and warns other road users.

#### - Overland transport

Classification code (ADR) : F1  
Special provision (ADR) : 274, 601, 640E  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC : •3YE

#### - Transport by sea

Special provision (IMDG) : 223, 274, 955  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-E  
Stowage category (IMDG) : A

#### - Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 366  
CAO max net quantity (IATA) : 220L  
Special provision (IATA) : A3  
ERG code (IATA) : 3L

#### - Inland waterway transport

Classification code (ADN) : F1  
Special provision (ADN) : 274, 61, 64E  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EX, A

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Ventilation (ADN) : VE01  
Number of blue cones/lights (ADN) : 0

### - Rail transport

Classification code (RID) : F1  
Special provision (RID) : 274, 601, 640E  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
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) : LGBF  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE4  
Hazard identification number (RID) : 30

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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 REACH candidate substance  
Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

##### France

Professional 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) 3, strongly hazardous to water (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 : Kerosene; heavy aromatic naphtha solvent, Solvent naphtha (petroleum), heavy aromatic, Solvent naphtha (petroleum), light aromatic are listed

SZW-lijst van mutagene stoffen : Kerosene; heavy aromatic naphtha solvent, Solvent naphtha (petroleum), heavy aromatic, Solvent naphtha (petroleum), light aromatic 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 is listed

##### Denmark

Class for fire hazard : Class II-1

Store unit : 5 liter

Classification remarks : R10 <H226;H304;H315;H319;H411>; 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

# Diesel Conditioner BDC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Indication of changes:

	Type of product	Removed	
1.2	Function or use category	Added	
3	Composition/Information on ingredients	Modified	

Abbreviations and acronyms:

	Abbreviations and acronyms:
	RID: Regulations Concerning the International Transport of Dangerous Goods by Rail ICAO: International Civil Aviation Organization ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) 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
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
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
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
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

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*