



# SAFETY DATA SHEET

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Revised edition no : 3

Date : 18 / 3 / 2014

Supersedes : 12 / 4 / 2013

## FUEL INJECTOR CLEANER BARD AHL

12101

**Danger**



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

#### 1.1. Product identifier

Identification of the product : Multicomponent liquid.  
Trade name : FUEL INJECTOR CLEANER BARD AHL

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

See product bulletin for detailed information.

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

Producer/Manufacturer : SADAPS BARD AHL Additives & Lubricants  
ZI TOURNAI OUEST 2  
RUE DU MONT DES CARLIERS, 3  
7522 TOURNAI Belgique-Belgie  
TEL : +32 (0).69.59.03.60  
FAX : +32 (0).69.59.03.61  
MAIL : bardahl@bardahlfrance.com

#### 1.4. Emergency telephone number

+32 (0)70.245.245

### SECTION 2 Hazards identification

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

##### Classification EC 67/548 or EC 1999/45

: Xn; R65  
R66  
R52/53

Text of R-Phrases : : SECTION 16

##### Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- Health hazards : Aspiration hazard - Category 1 - Danger (CLP : Asp. Tox. 1)  
Repeated exposure may cause skin dryness or cracking.
- Environmental hazards : Hazardous to the aquatic environment - Chronic hazard - Category 3 (CLP :  
Aquatic Chronic 3)

Text of H-Phrases : : SECTION 16

#### 2.2. Label elements

##### Labelling Regulation EC 1272/2008 (CLP)

- Hazard pictograms



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### SECTION 2 Hazards identification (continued)

- Hazard pictograms code : SGH08
- Signal words : Danger
- Hazard statements : H304 - May be fatal if swallowed and enters airways.  
H412 - Harmful to aquatic life with long lasting effects.  
EUH066 - Repeated exposure may cause skin dryness or cracking.

- Pictograms (Precautionary statements)



- Precautionary statements

- General : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.
- Prevention : P262 - Do not get in eyes, on skin, or on clothing.  
P273 - Avoid release to the environment.
- Response : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 - Do NOT induce vomiting.
- Storage : P405 - Store locked up.
- Disposal considerations : P501 - Dispose of contents/container in accordance with local regulations.
- Contains : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; 30 % and more aliphatic hydrocarbons , less than 5 % aromatic hydrocarbons .

#### 2.3. Other hazards

None under normal conditions.

### SECTION 3 Identification of the substance/mixture and of the company/undertaking

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	> 50 %	64742-48-9	918-481-9	----	01-2119457273-39-XXXX	Xn; R65 R66 ----- Asp. Tox 1 (H304) (EUH066)
Kerosine (petroleum)	< 5 %	8008-20-6	232-366-4	649-404-00-4	----	R10 Xn; R65 Xi; R38 N; R51-53 ----- Asp. Tox 1 (H304) Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411) STOT SE 3 (H336)
Polyether amine	< 5 %	----	CONFIDENTIAL	----	----	N; R51-53 ----- Aquatic Chronic 2 (H411)

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

##### First aid measures

- Inhalation : Assure fresh air breathing.
- Skin contact : Wash skin thoroughly with mild soap and water.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : DO NOT INDUCE VOMITING. If swallowed seek medical advice immediately and show this container or label.

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#### SECTION 4. First aid measures (continued)

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

- Inhalation : Not expected to be an irritant.
- Skin contact : Repeated exposure may cause skin dryness or cracking.
- Eye contact : Direct contact with the eyes is likely irritating.
- 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. Fire-fighting 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

Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

##### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

#### SECTION 6. Accidental release measures

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

Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection.

##### 6.2. Environmental precautions

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

###### Clean up methods

- on soil : Clean up any spills as soon as possible, using an absorbent material to collect it.
- on water : Take up large spills with pump or vacuum.

##### 6.4. Reference to other sections

No data available.

#### SECTION 7. Handling and storage

##### 7.1. Precautions for safe handling

- General** : When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Take off immediately all contaminated clothing.
- Handling** : No smoking. Do not breathe gas, fumes, vapour or spray. Wear suitable protective clothing.

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## SECTION 7. Handling and storage (continued)

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

Storage : Store in dry, cool, well-ventilated area. Keep in original containers.  
Storage life : 3 years.

### 7.3. Specific end use(s)

No data available.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Occupational Exposure Limits : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics : VME [mg/m<sup>3</sup>] : 1200  
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics : VME [ppm] : 184

### 8.2. Exposure controls

#### Personal protection

- Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed.(EN166).
- Skin protection : Wear suitable protective clothing.
- Hand protection : In case of repeated or prolonged contact wear gloves.(EN374)
- Respiratory protection : Where excessive vapour may result, wear approved mask.

## SECTION 9. Physical and chemical properties

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

Physical state at 20 °C : Liquid.  
Colour : Slightly yellow.  
Odour : Hydrocarbon.  
• Odour threshold : No data available.  
• pH : Not applicable.  
• Melting point / Freezing point : No data available.  
• Initial boiling point - boiling range [ °C] : 170  
Final boiling point [°C] : 217  
• Flash point [°C] : > 61  
• Evaporation rate : No data available.  
• Flammability : No data available.  
• Explosion limits (lower - upper) : 0.6 - 7  
• Vapour pressure : No data available.  
• Vapour density : No data available.  
• Relative density : 0.790  
• Solubility : Material insoluble in water.  
• Partition coefficient : n-octanol / water : No data available.

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### SECTION 9. Physical and chemical properties (continued)

- Auto-ignition temperature : > 200
- Thermal decomposition : No data available.
- Viscosity : 1 mm<sup>2</sup>/s (40°C)
- Explosive Properties : No data available.
- Oxidising properties : No data available.

#### 9.2. Other information

Other data : No data 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

Conditions to avoid : Open flame. Sparks. Heat.

#### 10.5. Incompatible materials

Materials to avoid : Strong oxidizers.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products : Hydrocarbon. Carbon monoxide. Carbon dioxide.

### SECTION 11. Toxicological information

#### 11.1. Information on toxicological effects

SECTION 1

Refer to Summary of hazards

### SECTION 12. Ecological information

#### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence - degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

No data available.

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## SECTION 12. Ecological information (continued)

### 12.6. Other adverse effects

No data available.

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

## SECTION 14. Transport information

### 14.1. UN Number

Unregulated.

### 14.2. Proper shipping name

Unregulated.

### 14.3. Transport Hazard Classification

Unregulated.

### 14.4. Packing group

Unregulated.

### 14.5. Environmental hazards

**In case of spillage and/or leakage** : Clean up even minor leaks or spills if possible without unnecessary risk.

### 14.6. Special precautions for user

**Emergency action in case of accident** : Stop the engine.  
 No naked lights. No smoking.  
 Mark roads and warns other road users.  
 Keep public away from danger area.  
 NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

### 14.7. Bulk transport - annex II Marpol 73/78 - IBC

No data available.

## SECTION 15. Regulatory information


### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

: Table RG 84: Diseases caused by organic solvents liquid for professional use. (FRANCE)  
 RG 49 Table : Skin disorders caused by aliphatic amines, alicyclic or ethanolamines. (FRANCE)

### 15.2. Chemical Safety Assessment

No data available.

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#### SECTION 16. Other information

<b>Text of H-Phrases :</b>	: EUH066 - Repeated exposure may cause skin dryness or cracking. H226 - Flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H336 - May cause drowsiness or dizziness. H411 - Toxic to aquatic life with long lasting effects.
<b>Text of R-Phrases :</b>	: R10 : Flammable. R38 : Irritating to skin. R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 : Harmful : may cause lung damage if swallowed. R66 : Repeated exposure may cause skin dryness or cracking.
<b>Recommended uses and restrictions</b>	: See product bulletin for detailed information.
<b>Further information</b>	: Revision - See : * Label : 739 998 R11 Safety data sheet available for professional user on request.
<b>Print date</b>	: 18 / 3 / 2014

The contents and format of this SDS are in accordance with Regulation (EC) N° 453/2010 of the European Parliament and of the Council.

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