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**Danger**



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

### 1.1. Product identifier

Identification of the product : Multicomponent liquid.  
Additive.

Trade name : GEAR OIL ADDITIVE 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

**Distributor** : SADAPS BARD AHL CORPORATION  
BP 50050 MOUVAUX  
59589 BONDUES Cedex France  
TEL : +33 (0)3 10 38 38 38  
FAX : +33 (0)3 20 82 97 87  
MAIL : bardahl@bardahlfrance.com

### 1.4. Emergency telephone 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 EC 67/548 or EC 1999/45

: Xi; R41  
R52/53

Text of R-Phrases : : SECTION 16

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

- **Health hazards** : Serious eye damage - Category 1 - Danger
- **Environmental hazards** : Hazardous to the aquatic environment - Chronic hazard - Category 3 (CLP : Aquatic Chronic 3)

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### SECTION 2 Hazards identification (continued)

Text of H-Phrases : SECTION 16

#### 2.2. Label elements

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

##### • Hazard pictograms



- Hazard pictograms code : SGH05
- Signal words : Danger
- Hazard statements : H318 - Causes serious eye damage.  
H412 - Harmful to aquatic life with long lasting effects.
- Precautionary statements
  - General : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.
  - Prevention : P273 - Avoid release to the environment.  
P280 - Wear eye protection/face protection.
  - Response : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P305+P351+P338+P310 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER/doctor.
  - Disposal considerations : P501 - Dispose of contents/container in accordance with local regulations.
- Contains : zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) . Triphenyl phosphite . May produce an allergic reaction.

#### 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
Zinc bis[O,O-bis(2-ethylhexyl)] bis dithiophosphate)	< 15 %	4259-15-8	224-235-5	-	01-2119493635-27-XXXX	Xi; R41 N; R51-53 ----- Eye Dam 1 (H318) Aquatic Chronic 2 (H411)
Triphenyl phosphite	< 1 %	101-02-0	202-908-4	015-105-00-7	----	Xn; R22 Xi; R36/38 R43 N; R50-53 ----- Acute Tox. 4 (H302) Eye irrit 2 (H319) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
O,O,O-triphenyl phosphorothioate	< 0.5 %	-----	209-909-9	-----	----	Xn; R62 Xn; R63 R53 ----- Repr. 2 (H361) Aquatic Chronic 4 (H413)

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

First aid measures

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

- Inhalation : Assure fresh air breathing.
- Skin contact : Wash skin thoroughly with mild soap and water.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Seek medical attention if ill effect develops.

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

- Inhalation : Inhalation of vapours may cause respiratory irritation.
- Skin contact : Not expected to be an irritant.
- Eye contact : Causes serious eye damage.
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

#### **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**

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### SECTION 7. Handling and storage (continued)

- 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.

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

- Storage** : Store in dry, cool, well-ventilated area. Keep in original containers.

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

No data available.

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

- Occupational Exposure Limits** : Brouillards d'huile : VME [mg/m<sup>3</sup>] : (8 heures) 5  
Brouillards d'huile : VLE [mg/m<sup>3</sup>] : (15 min) 10

#### 8.2. Exposure controls

##### Personal protection

- Eye protection : Chemical goggles or safety glasses. (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** : Yellow.
- Odour** : Oil.
- **Odour threshold** : No data available.
  - **pH** : Not applicable.
  - **Melting point / Freezing point** : No data available.
  - **Initial boiling point - boiling range [ °C]** : No data available.
  - **Final boiling point [°C]** : No data available.
  - **Flash point [°C]** : > 100
  - **Evaporation rate** : No data available.
  - **Flammability** : No data available.
  - **Explosion limits (lower - upper)** : No data available.
  - **Vapour pressure** : No data available.
  - **Vapour density** : No data available.
  - **Relative density** : 0.88 - 0.9
  - **Solubility** : Insoluble.
  - **Partition coefficient : n-octanol / water** : No data available.

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

- Auto-ignition temperature : 400
- Thermal decomposition : No data available.
- Viscosity : 12 mm<sup>2</sup>/s (100°C)  
85 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.

48 H-LC50 - *Daphnia magna* [mg/l] : CE 202-908-4 = 0.1 - 1

IC50 72h Algae [mg/l] : CE 202-908-4 = 0.1 - 1

LC50-96 Hour - fish [mg/l] : CE 202-908-4 = 0.1 - 1

#### 12.2. Persistence - degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

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#### SECTION 12. Ecological information (continued)

No data available.

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

No data available.

##### **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)  
Table RG 36: Diseases caused by oils and fats mineral or synthetic. (FRANCE)

##### **15.2. Chemical Safety Assessment**

No data available.

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#### SECTION 16. Other information

<b>Text of H-Phrases :</b>	: H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H319 - Causes serious eye irritation. H361 - Suspected of damaging fertility or the unborn child . 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. H413 - May cause long lasting harmful effects to aquatic life.
<b>Text of R-Phrases :</b>	: R22 : Harmful if swallowed. R36/38 : Irritating to eyes and skin. R41 : Risk of serious damage to eyes. R43 : May cause sensitization by skin contact. R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R53 : May cause long-term adverse effects in the aquatic environment. R62 : Possible risk of impaired fertility. R63 : Possible risk of harm to the unborn child.
<b>Recommended uses and restrictions</b>	: See product bulletin for detailed information.
<b>Further information</b>	: Label : 715 104 R6 755 104 R5 Revision - See : * Safety data sheet available for professional user on request.
<b>Print date</b>	: 6 / 1 / 2015

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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