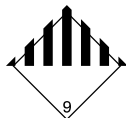
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9 : Miscellaneous dangerous substances and articles.



9 : Miscellaneous dangerous substances and articles.

**Danger**



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

### 1.1. Product identifier

Identification of the product : Additive.  
Multicomponent liquid.

Trade name : SUMO LUB BARD AHL TECHNILINE

### 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 CORPORATION  
BP 50050 MOUVAUX  
59589 BONDUES Cedex France  
TEL : +33 (0)3 10 38 38 38  
FAX : +33 (0)3 51 08 90 51  
MAIL : industrie@bardahlfrance.com

**Distributor** : SADAPS BARD AHL CORPORATION  
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59589 BONDUES Cedex France  
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FAX : +33 (0)3 51 08 90 51  
MAIL : industrie@bardahlfrance.com

### 1.4. Emergency telephone number

+33 (0)1.45.42.59.59  
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## SECTION 2 Hazards identification

### 2.1. Classification of the substance or mixture

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

: Xi; R36  
R52/53

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## SECTION 2 Hazards identification (continued)

Text of R-Phrases : SECTION 16

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

- Health hazards : Skin irritation - Category 2 - Warning  
Serious eye damage - Category 1 - Danger
- Environmental hazards : Hazardous to the aquatic environment - Chronic hazard - Category 2 (CLP : Aquatic Chronic 2)

Text of H-Phrases : SECTION 16

### 2.2. Label elements

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

##### • Hazard pictograms



- Hazard pictograms code : SGH05 - SGH09
- Signal words : Danger
- Hazard statements : H318 - Causes serious eye damage.  
H315 - Causes skin irritation.  
H411 - Toxic to aquatic life with long lasting effects.
- Precautionary statements
  - General : P102 - Keep out of reach of children.
  - Prevention : P273 - Avoid release to the environment.  
P280 - Wear protective gloves/eye protection/face protection.
  - Response : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
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.  
P391 - Collect spillage.
  - Disposal considerations : P501 - Dispose of contents/container in accordance with local regulations.
- Contains : Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl . Reaction product of 1,3,4- thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. Phenol, heptyl derivs. May produce an allergic reaction.
- Other : Restricted to professional users.

### 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
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl .	5 - 10 %	-----	931-384-6	-	01-2119493620-38-XXXX	Xn; R22 Xi; R41 R43 N; R51-53 ----- Eye Dam 1 (H318) Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)
Dérivés d'alkyldiamines	< 2.5 %	40027-38-1	254-754-2	NOT LISTED	----	Xn; R48/22 Xi; R36/38 N; R50-53 ----- Eye irrit 2 (H319) Skin Irrit. 2 (H315) STOT RE 2 (H373)

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

							Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
1,2,4-trimethylbenzene	:	< 0.5 %	95-63-6	202-436-9	601-043-00-3	----	R10 Xn; R20 Xi; R36/37/38 N; R51-53 ----- Flam. Liq. 3 (H226) Acute Tox. 4 (H332) Eye irrit. 2 (H319) Skin Irrit. 2 (H315) STOT SE 3 (H335) Aquatic Chronic 2 (H411)
Phenol, heptyl derivs.	:	< 0.5 %	----	276-743-1	----	----	C; R34 R43 N; R50-53 ----- Skin Corr. 1A+ (H314) Eye Dam 1 (H318) Acute Tox. 4 (H302) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Hydrocarbons C9 aromatics	:	< 0.5 %	----	918-668-5	----	----	R10 Xi; R37 N; R51-53 ----- Flam. Liq. 3 (H226) STOT SE 3 (H335) 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 : For even minor contact, immediately remove contaminated clothing/wash skin thoroughly with mild soap / water.
- Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 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 : Causes skin irritation.
- 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.

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#### SECTION 5. Fire-fighting measures (continued)

- **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.

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

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

**Storage life** : 5 years.

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

No data available.

#### SECTION 8. Exposure controls/personal protection

##### **8.1. Control parameters**

**Occupational Exposure Limits** : Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl . : Rat oral LD50 [mg/kg] : 2000  
 Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl . : 48 H-LC50 - Daphnia magna [mg/l] : 91.4  
 1,2,4-trimethylbenzene : TLV© -TWA [mg/m<sup>3</sup>] : 125

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### SECTION 8. Exposure controls/personal protection (continued)

1,2,4-trimethylbenzene : TLV<sup>©</sup> -TWA [ppm] : 25  
1,2,4-trimethylbenzene : VME [ppm] : 20  
1,2,4-trimethylbenzene : VME [mg/m<sup>3</sup>] : 100

#### 8.2. Exposure controls

##### Personal protection

- Eye protection : Chemical goggles or safety glasses. (EN166).
- Skin protection : Wear suitable protective clothing.
- Hand protection : Wear suitable gloves resistant to chemical penetration. (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 : Brown.
- Odour : Characteristic.
- Odour threshold : No data available.
- pH : Not applicable.
- Melting point / Freezing point : No data available.
- Initial boiling point - boiling range [ °C] :  
No data available.  
No data available.
- Flash point [°C] : > 180
- 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 : 0.95 - 0.96
- Solubility : Material insoluble in water.
- Partition coefficient : n-octanol / water : No data available.
- Auto-ignition temperature : No data available.
- Thermal decomposition : No data available.
- Viscosity : >20 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.

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#### SECTION 10. Stability and reactivity (continued)

##### 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

Refer to Summary of hazards SECTION 1

#### SECTION 12. Ecological information

##### 12.1. Toxicity

Toxic 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.

##### 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

**UN No.** : 3082

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#### SECTION 14. Transport information (continued)

##### 14.2. Proper shipping name

UN3082 MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A., 9, III, (E)

##### 14.3. Transport Hazard Classification

##### 19 - Labelling ADR



: 9 : Miscellaneous dangerous substances and articles.  
9 : Miscellaneous dangerous substances and articles.

H.I. nr

: 90

- Proper shipping name

: UN3082 MATIÈRE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A., 9, III, (E)

Land transport

- ADR Class

: 9

- ADR Packing group

: III

Emergency action in case of accident : NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

Keep public away from danger area.  
Mark roads and warns other road users.  
No naked lights. No smoking.  
Stop the engine.

- IMO-IMDG code

: Class  
9

IMO Packing group

: III

- IMDG-Marine pollution

: Yes

- EMS-Nr

: F-A S-F

- ICAO/IATA

: Packaging instructions cargo : 964 Packaging instructions passenger: 964

- Proper shipping name

: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

- IATA - Class or division

: 9

##### 14.4. Packing group

III

##### 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

Personal precautions

: The driver shall not attempt to deal with any fire of the load.

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.

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## 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 ethanalamines. (FRANCE)
- RG 65 Table: Injury mechanism allergic eczema. (FRANCE)
- Table RG 4BIS: Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them. (FRANCE)

Other

### 15.2. Chemical Safety Assessment

No data available.

## SECTION 16. Other information

- Text of H-Phrases :**
- : H226 - Flammable liquid and vapour.
  - H302 - Harmful if swallowed.
  - H314 - Causes severe skin burns and eye damage.
  - H315 - Causes skin irritation.
  - H317 - May cause an allergic skin reaction.
  - H318 - Causes serious eye damage.
  - H319 - Causes serious eye irritation.
  - H332 - Harmful if inhaled.
  - H335 - May cause respiratory irritation.
  - H373 - May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
  - 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.
- Text of R-Phrases :**
- : R10 : Flammable.
  - R20 : Harmful by inhalation.
  - R22 : Harmful if swallowed.
  - R34 : Causes burns.
  - R36/37/38 : Irritating to eyes, respiratory system and skin.
  - R36/38 : Irritating to eyes and skin.
  - R37 : Irritating to respiratory system.
  - R41 : Risk of serious damage to eyes.
  - R43 : May cause sensitization by skin contact.
  - R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.
  - 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.
- Recommended uses and restrictions :** See product bulletin for detailed information.
- Text of R-Phrases in § 3**
- : R10 : Flammable.
  - R20 : Harmful by inhalation.
  - R22 : Harmful if swallowed.
  - R34 : Causes burns.
  - R36/37/38 : Irritating to eyes, respiratory system and skin.
  - R36/38 : Irritating to eyes and skin.
  - R37 : Irritating to respiratory system.

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**SECTION 16. Other information (continued)**

R41 : Risk of serious damage to eyes.  
R43 : May cause sensitization by skin contact.  
R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.  
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.

**Further information**

: Label :  
730 258 R1  
Safety data sheet available for professional user on request.

**Print date**

: 5 / 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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