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Xi : Irritant

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

1.1. Product identifier

Identification of the product : Multicomponent liquid.
 Trade name : FULL METAL 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

: Xi; R36
 R52/53
 Text of R-Phrases : : SECTION 16

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

• Symbol(s)



• R Phrase(s)

: Xi : Irritant
 : R36 : Irritating to eyes.
 R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

• S Phrase(s)

: S2 : Keep out of the reach of children.
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S29 : Do not empty into drains.

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SECTION 2 Hazards identification (continued)

S46 : If swallowed seek medical advice immediately and show this container or label.

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) phosphorodithioato-S,S'] | : < 5 % | 4259-15-8 | 224-235-5 | - | 01-2119493635-27-XXXX | Xi; R41 N; R51-53 ----- Eye Dam 1 (H318) Aquatic Chronic 2 (H411) |
| Methacrylate copolymer | : < 5 % | - | POLYMER | - | ---- | Xi; R36 ----- Not defined (GHS) |
| Triphenyl phosphite | : < 1 % | 101-02-0 | 202-908-4 | 015-105-00-7 | ---- | Xn; R22 Xi; R36/38 N; R50-53 ----- Eye irrit 2 (H319) Skin Irrit. 2 (H315) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) |

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 : 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 : Eye irritant upon direct contact.
- 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 : 3 years.

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/m3] : (8 heures) 5
Brouillards d'huile : VLE [mg/m3] : (15 min) 10

8.2. Exposure controls

Personal protection



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SECTION 8. Exposure controls/personal protection (continued)

- 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 : Red.
- 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] : 190
- 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 : 0,880 (15°C)
- Solubility : Insoluble.
- Partition coefficient : n-octanol / water : No data available.
- Auto-ignition temperature : > 350
- Thermal decomposition : No data available.
- Viscosity : 49-50mm²/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

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SECTION 10. Stability and reactivity (continued)

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

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

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

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SECTION 14. Transport information (continued)

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 36: Diseases caused by oils and fats mineral or synthetic. (FRANCE)

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Text of H-Phrases : : H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
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 : : R22 : Harmful if swallowed.
R36 : Irritating to eyes.
R36/38 : Irritating to eyes and skin.
R41 : Risk of serious damage to eyes.
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.

Further information : Label : 717 200 R1
Safety data sheet available for professional user on request.

Print date : 25 / 9 / 2013

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

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