

	SAFETY DATA SHEET	Page : 1 / 7
		Revised edition no : 7
		Date : 7 / 8 / 2015
		Supersedes : 20 / 5 / 2014
DESHUILANT RADIATEUR BARDAHL		1100

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 : DESHUILANT RADIATEUR BARDAHL

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 BARDAHL 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 : msds@bardahlfrance.com

1.4. Emergency telephone number

+32 (0)70.245.245

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

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

- Health hazards : Serious eye damage - Category 1 - Danger
 Aspiration hazard - Category 1 - Danger (CLP : Asp. Tox. 1)
- Supplemental hazard information : EUH066 - Repeated exposure may cause skin dryness or cracking.
- Text of H-Phrases : SECTION 16

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



- Hazard pictograms code : SGH08 - SGH05
- Signal words : Danger
- Hazard statements : H304 - May be fatal if swallowed and enters airways.
 H318 - Causes serious eye damage.
- Supplemental hazard information : EUH066 - Repeated exposure may cause skin dryness or cracking.
- Precautionary statements

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SAFETY DATA SHEET

Page : 2 / 7

Revised edition no : 7

Date : 7 / 8 / 2015

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DESHUILANT RADIATEUR BARD AHL

1100

SECTION 2 Hazards identification (continued)

- **General** : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
- **Prevention** : P260 - Do not breathe vapours.
P262 - Do not get in eyes, on skin, or on clothing.
P280 - Wear eye protection/face protection.
- **Response** : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 - Do NOT induce vomiting.
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.
- **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 ; alcoxylat d'alcool gras ; 30 % and more aliphatic hydrocarbons ; less than 5 % aromatic hydrocarbons ; 5 % or over but less than 15 % non-ionic surfactants .

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition / information on ingredients

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	> 50 %	----	918-481-9	----	01-2119457273-39-XXXX	Xn; R65 R66 ----- Asp. Tox 1 (H304) (EUH066)
longchain alcohol C10	5 - 10 %	-	-	-	----	Xn; R22 Xi; R38-41 ----- Eye Dam 1 (H318) Acute Tox. 4 (H302) Skin Irrit. 2 (H315)

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** : 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

- **Inhalation** : Inhalation of vapours may cause respiratory irritation.
- **Skin contact** : Repeated exposure may cause skin dryness or cracking.
- **Eye contact** : Causes serious eye damage.
- **Ingestion** : May be fatal if swallowed and enters airways.

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	SAFETY DATA SHEET	Page : 3 / 7
		Revised edition no : 7
		Date : 7 / 8 / 2015
		Supersedes : 20 / 5 / 2014
DESHUILANT RADIATEUR BARD AHL		1100

SECTION 4. First aid measures (continued)

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.

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.



SAFETY DATA SHEET

Page : 4 / 7

Revised edition no : 7

Date : 7 / 8 / 2015

Supersedes : 20 / 5 / 2014

DESHUILANT RADIATEUR BARD AHL

1100

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics : VME [mg/m³] : 1200
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics : VME [ppm] : 184

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 : Blue.
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.
Final boiling point [°C] : No data available.
• Flash point [°C] : > 62
• Evaporation rate : No data available.
• Flammability : No data available.
• Explosion limits (lower - upper) : No data available.
No data available.
• Vapour pressure : No data available.
• Vapour density : No data available.
• Relative density : 0.785 - 0.795
• Solubility : Emulsion.
• Partition coefficient : n-octanol / water : No data available.
• Auto-ignition temperature : > 200
• Thermal decomposition : No data available.
• Viscosity : No data available.
• Explosive Properties : No data available.
• Oxidising properties : No data available.

9.2. Other information

Other data : No data available.

	SAFETY DATA SHEET	Page : 5 / 7
		Revised edition no : 7
		Date : 7 / 8 / 2015
		Supersedes : 20 / 5 / 2014
DESHUILANT RADIATEUR BARD AHL		1100

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

No data available.

12.2. Persistence - degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

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.

	SAFETY DATA SHEET	Page : 6 / 7
		Revised edition no : 7
		Date : 7 / 8 / 2015
		Supersedes : 20 / 5 / 2014
DESHUILANT RADIATEUR BARD AHL		1100

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)

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Text of H-Phrases : : EUH066 - Repeated exposure may cause skin dryness or cracking.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.

Text of R-Phrases : : R22 : Harmful if swallowed.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R65 : Harmful : may cause lung damage if swallowed.
R66 : Repeated exposure may cause skin dryness or cracking.

Recommended uses and restrictions : See product bulletin for detailed information.

Further information : Label : 730 111 R6
Revision - See : *
Safety data sheet available for professional user on request.

	SAFETY DATA SHEET	Page : 7 / 7
		Revised edition no : 7
		Date : 7 / 8 / 2015
		Supersedes : 20 / 5 / 2014
DESHUILANT RADIATEUR BARD AHL		1100

SECTION 16. Other information (continued)

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