



# CONCENTRATE SHAMPOO HP - BARDAHL LABORATOIRES

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 29-02-16 Revision date: 29-02-16 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixtures  
Product name : CONCENTRATE SHAMPOO HP - BARDAHL LABORATOIRES  
Product code : 3855 # 735385R1  
Type of product : Detergent

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Function or use category : Cleaning/washing agents and additives

##### 1.2.2. Uses advised against

No additional information available

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

SADAPS BARDAHL Additives & Lubricants  
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3  
7522 TOURNAI - BELGIQUE  
T +32 (0).69.59.03.60 - F +32 (0).69.59.03.61  
[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahlfrance.com](http://www.bardahlfrance.com)

#### 1.4. Emergency telephone number

Emergency number : + 32 (0)70.245.245 / +33 (0)1.45.42.59.59

Country	Organisation/Company	Address	Emergency number	Comment
Greece	Poisons Information Centre Children's Hospital "Aglaia. Kyriakou"	11527 Athens	+30 10 779 3777	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1A H314  
Serious eye damage/eye irritation,  
Category 1 H318

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : sodium hydroxide, caustic soda  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (CLP) : P102 - Keep out of reach of children  
P280 - Wear protective gloves, eye protection/face protection

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P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P310 - Immediately call a POISON CENTER or doctor/physician  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of contents/container in accordance with local regulations

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27	5 - 15	Met. Corr. 1, H290 Skin Corr. 1A, H314
1-Heptanol, 2-propyl-, 7EO	(CAS No) 160875-66-1	5 - 15	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
2-(2-butoxyethoxy)ethanol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (BE, FR)	(CAS No) 112-34-5 (EC no) 203-961-6 (EC index no) 603-096-00-8 (REACH-no) 01-2119475104-44	< 1	Eye Irrit. 2, H319

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0,5 =<C < 2) Eye Irrit. 2, H319 ( 0,5 =<C < 2) Skin Irrit. 2, H315 ( 2 =<C < 5) Skin Corr. 1B, H314 ( C >= 5) Skin Corr. 1A, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Remove contaminated clothes. Wash skin with plenty of water. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries after inhalation	: Sore throat. Cough. Difficulty in breathing.
Symptoms/injuries after skin contact	: Rednesses. Burns.
Symptoms/injuries after eye contact	: Redness, pain. Blurred vision. Lacrimation.
Symptoms/injuries after ingestion	: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Abdominal cramps. Burning sensation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Water spray. Dry powder. Foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Non flammable.  
Explosion hazard : Not expected to be a fire/explosion hazard under normal conditions of use.  
Hazardous decomposition products in case of fire : Thermal decomposition generates : Corrosive vapours.

### 5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.  
Other information : Prevent liquid from entering sewers, watercourses, underground or low areas.

## SECTION 6: Accidental release measures

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

- General measures : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Evacuate area. Ensure adequate ventilation, especially in confined areas.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. 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

- For containment : Recover the product with absorbent material.  
Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Both local exhaust and general room ventilation are usually required. Do not eat, drink or smoke when using this product.  
Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

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

- Storage conditions : Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep out of frost. Keep away from heat.  
Maximum storage period : 36 months  
Storage temperature : ≤ 50 °C

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

sodium hydroxide, caustic soda (1310-73-2)		
France	VME (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
2-(2-butoxyethoxy)ethanol (112-34-5)		
EU	IOELV TWA (mg/m <sup>3</sup> )	101,2 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	15 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	67,5 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	10 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	67,5 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	10 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	101,2 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	15 ppm
France	VME (mg/m <sup>3</sup> )	67,5 mg/m <sup>3</sup>
France	VME (ppm)	10 ppm
France	VLE (mg/m <sup>3</sup> )	101,2 mg/m <sup>3</sup>

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2-(2-butoxyethoxy)ethanol (112-34-5)		
France	VLE (ppm)	15 ppm

### 8.2. Exposure controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation.

#### Hand protection:

In case of repeated or prolonged contact wear gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Polyvinylchloride (PVC)	6 (> 480 minutes)	0.5	2 (< 1.5)	EN 374

#### Eye protection:

Chemical goggles or face shield with safety glasses

Type	Use	Characteristics	Standard
Safety glasses, Face shield	Droplet	clear, Plastic	EN 166

#### Skin and body protection:

Wear suitable protective clothing. EN 943

#### Respiratory protection:

Good ventilation of the workplace required. Appropriate dust or mist respirator should be used if airborne particles are generated when handling this material



## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Green.
Odour	: No data available
Odour threshold	: No data available
pH	: 11 - 13 (1%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,1 - 1,3 kg/l
Solubility	: Water: 100 %
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### 1-Heptanol, 2-propyl-, 7EO (160875-66-1)

LD50 oral rat	> 500 mg/kg
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Skin corrosion/irritation : Causes severe skin burns and eye damage.  
pH: 11 - 13 (1%)

Serious eye damage/irritation : Causes serious eye damage.  
pH: 11 - 13 (1%)

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

#### 1-Heptanol, 2-propyl-, 7EO (160875-66-1)

EC50 Daphnia 1	> 10 - 100 mg/l
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EC50 other aquatic organisms 1	> 10 - 100 mg/l
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### 12.2. Persistence and degradability

#### CONCENTRATE SHAMPOO HP - BARDAHL LABORATOIRES

Persistence and 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. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	not bioaccumulable.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 12.6. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Sewage disposal recommendations : Do not discharge into drains or the environment.  
Waste disposal recommendations : Collect all waste in suitable and labelled containers and dispose according to local legislation.  
Additional information : Hazardous waste.  
Ecology - waste materials : Do not discharge the product into the environment.

## SECTION 14: Transport information

In accordance with ADN / ADR / IATA / IMDG / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
3267	3267	3267	3267	3267
<b>14.2. UN proper shipping name</b>				
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	Corrosive liquid, basic, organic, n.o.s.	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
<b>Transport document description</b>				
UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hydroxide, caustic soda ; 1-Heptanol, 2-propyl-, 7EO), 8, III, (E)	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., 8, III	UN 3267 Corrosive liquid, basic, organic, n.o.s., 8, III	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., 8, III	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S., 8, III
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : C7  
Special provisions (ADR) : 274  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T7  
Portable tank and bulk container special provisions (ADR) : TP1, TP28  
Tank code (ADR) : L4BN  
Vehicle for tank carriage : AT  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Hazard identification number (Kemler No.) : 80

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Orange plates

:



Tunnel restriction code (ADR)

: E

EAC code

: 2X

APP code

: B

### - Transport by sea

Special provisions (IMDG)

: 223, 274

Limited quantities (IMDG)

: 5 L

Excepted quantities (IMDG)

: E1

Packing instructions (IMDG)

: P001, LP01

IBC packing instructions (IMDG)

: IBC03

Tank instructions (IMDG)

: T7

Tank special provisions (IMDG)

: TP1, TP28

EmS-No. (Fire)

: F-A

EmS-No. (Spillage)

: S-B

Stowage category (IMDG)

: A

Stowage and handling (IMDG)

: SW2

Segregation (IMDG)

: SG35

Properties and observations (IMDG)

: Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

### - Air transport

PCA Excepted quantities (IATA)

: E1

PCA Limited quantities (IATA)

: Y841

PCA limited quantity max net quantity (IATA)

: 1L

PCA packing instructions (IATA)

: 852

PCA max net quantity (IATA)

: 5L

CAO packing instructions (IATA)

: 856

CAO max net quantity (IATA)

: 60L

Special provisions (IATA)

: A3

ERG code (IATA)

: 8L

### - Inland waterway transport

Classification code (ADN)

: C7

Special provisions (ADN)

: 274

Limited quantities (ADN)

: 5 L

Excepted quantities (ADN)

: E1

Carriage permitted (ADN)

: T

Equipment required (ADN)

: PP, EP

Number of blue cones/lights (ADN)

: 0

### - Rail transport

Classification code (RID)

: C7

Special provisions (RID)

: 274

Limited quantities (RID)

: 5L

Excepted quantities (RID)

: E1

Packing instructions (RID)

: P001, IBC03, LP01, R001

Mixed packing provisions (RID)

: MP19

Portable tank and bulk container instructions (RID)

: T7

Portable tank and bulk container special provisions (RID)

: TP1, TP28

Tank codes for RID tanks (RID)

: L4BN

Transport category (RID)

: 3

Special provisions for carriage – Packages (RID)

: W12

Colis express (express parcels) (RID)

: CE8

Hazard identification number (RID)

: 80

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### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
non-ionic surfactants	5-15%

#### 15.1.2. National regulations

##### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)  
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H319	Causes serious eye irritation

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*