

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

## BPTM 3472-LIQUID DETERGENT + CONDITIONER ROMAR



Version: 3  
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### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

#### 1.1 Product identifier.

Product Name: LIQUID DETERGENT + CONDITIONER ROMAR  
Product Code: BPTM 3472

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

Clothes washing detergent

**Uses advised against:** Uses other than those recommended.

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

Company: **QUIMI ROMAR S.L.U.**  
Address: Ctra. Moncada a Náquera, CV-315, Km 11,2  
City: 46119, Náquera  
Province: Valencia  
Telephone: (+34) 96 139 07 92  
Fax: (+34) 96 139 00 36  
E-mail: info@quimiromar.com  
Web: www.quimiromar.com

**1.4 Emergency telephone number:** (+34) 96 139 07 92 (Only available during office hours; Monday-Friday; 08:00-18:00)

### SECTION 2: HAZARDS IDENTIFICATION.

#### 2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:  
Eye Irrit. 2: Causes serious eye irritation.

#### 2.2 Label elements.

**Labelling in accordance with Regulation (EU) No 1272/2008:**

Pictograms:



Signal Word:  
**Warning**

H statements:  
H319 Causes serious eye irritation.

P statements:  
P102 Keep out of reach of children.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
Do not ingest.

EUH statements:  
EUH208 Contains mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1). May produce an allergic reaction.

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Contains:

Alcohols, C13-15, branched and linear, ethoxylated  
Potassium dodecylbenzenesulphonate

### 2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

### 3.1 Substances.

Not Applicable.

### 3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
CAS No: 157627-86-6 EC No: 500-337-8	Alcohols, C13-15, branched and linear, ethoxylated	$\geq 5\% < 10\%$	Acute Tox. 4, H302 - Eye Dam. 1, H318	-
CAS No: 27177-77-1 EC No: 248-296-2	Potassium dodecylbenzenesulphonate	$\geq 1\% < 5\%$	Eye Dam. 1, H318 - Skin Irrit. 2, H315	-
CAS No: 68891-38-3 EC No: 500-234-8 Registration No: 01-2119488639-16-XXXX	Sodium laureth sulfate	$\geq 0,1\% < 1,0\%$	Eye Dam. 1, H318 Skin Irrit. 2, H315	-
Index No: 019-002-00-8 CAS No: 1310-58-3 EC No: 215-181-3 Registration No: 01-2119487136-33-XXXX	[1] Potassium hydroxide	$< 0,1\%$	Acute Tox. 4 *, H302 - Skin Corr. 1A, H314	Skin Corr. 1A, H314: $C \geq 5\%$ Skin Corr. 1B, H314: $2\% \leq C < 5\%$ Skin Irrit. 2, H315: $0,5\% \leq C < 2\%$ Eye Irrit. 2, H319: $0,5\% \leq C < 2\%$
CAS No: 101-84-8 EC No: 202-981-2 Registration No: 01-2119472545-33-XXXX	[1] Diphenyl ether	$< 0,1\%$	Aquatic Chronic 2, H411 - Eye Irrit. 2, H319	-
Index No: 613-167-00-5 CAS No: 55965-84-9	mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1)	$< 0,1\%$	Acute Tox. 3 *, H311 - Acute Tox. 3 *, H331 - Acute Tox. 3 *, H301 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Skin Corr. 1B, H314 - Skin Sens. 1, H317	Skin Corr. 1B, H314: $C \geq 0,6\%$ Skin Irrit. 2, H315: $0,06\% \leq C < 0,6\%$ Eye Irrit. 2, H319: $0,06\% \leq C < 0,6\%$ Skin Sens. 1, H317: $C \geq 0,0015\%$

(\*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

\* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance with a Community workplace exposure limit (see section 8.1).

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### SECTION 4: FIRST AID MEASURES.

#### 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

#### Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

#### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

### SECTION 5: FIREFIGHTING MEASURES.

The product does not present any particular risk in case of fire.

#### 5.1 Extinguishing media.

##### Recommended extinguishing methods.

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

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

##### Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

#### 5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

##### Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

### SECTION 6: ACCIDENTAL RELEASE MEASURES.

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

For exposure control and individual protection measures, see section 8.

#### 6.2 Environmental precautions.

Prevent the contamination of drains, surface or subterranean waters, and the ground.

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### 6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

## SECTION 7: HANDLING AND STORAGE.

### 7.1 Precautions for safe handling.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

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

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

### 7.3 Specific end use(s).

Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

### 8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m <sup>3</sup>
Potassium hydroxide	1310-58-3	United Kingdom [1]	<b>Eight hours</b>		
			<b>Short term</b>		2
Diphenyl ether	101-84-8	European Union [2]	<b>Eight hours</b>	1	7
			<b>Short term</b>	2	14
		United Kingdom [1]	<b>Eight hours</b>	1	7,1
			<b>Short term</b>		

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Diphenyl ether CAS No: 101-84-8 EC No: 202-981-2	DNEL (Workers)	Inhalation, Long-term, Local effects	9,68 (mg/m <sup>3</sup> )
	DNEL (Workers)	Inhalation, Long-term, Systemic effects	245,8 (mg/m <sup>3</sup> )

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

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### 8.2 Exposure controls.

#### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

<b>Concentration:</b>	100 %		
<b>Uses:</b>	Clothes washing detergent		
<b>Breathing protection:</b>			
If the recommended technical measures are observed, no individual protection equipment is necessary.			
<b>Hand protection:</b>			
PPE:	Work gloves.		
Characteristics:	«CE» marking, category I.		
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420		
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
<b>Eye protection:</b>			
PPE:	Protective goggles with built-in frame.		
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.		
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.		
<b>Skin protection:</b>			
PPE:	Protective clothing.		
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
CEN standards:	EN 340		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.		
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.		
PPE:	Work footwear.		
Characteristics:	«CE» marking, category II.		
CEN standards:	EN ISO 13287, EN 20347		
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.		
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident		



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

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

Appearance: Opaque viscous liquid

Colour: Light blue

Odour: Characteristic of perfume

Odour threshold: N.A./N.A.

pH: 9,0±0,5

Melting point: N.A./N.A.

Boiling Point: N.A./N.A.

Flash point: N.A./N.A.

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): Not flammable

Lower Explosive Limit: N.A./N.A.

Upper Explosive Limit: N.A./N.A.

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Vapour pressure: N.A./N.A.  
Vapour density: N.A./N.A.  
Relative density: 1,020±0,020 g/cm<sup>3</sup>  
Solubility: N.A./N.A.  
Liposolubility: N.A./N.A.  
Hydrosolubility: Soluble  
Partition coefficient (n-octanol/water): N.A./N.A.  
Auto-ignition temperature: N.A./N.A.  
Decomposition temperature: N.A./N.A.  
Viscosity: 3.000±1.000 cps  
Explosive properties: Not explosive  
Oxidizing properties: Not comburent  
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

### 9.2 Other information.

Pour point: N.A./N.A.  
Blink: N.A./N.A.  
Kinematic viscosity: N.A./N.A.  
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

## SECTION 10: STABILITY AND REACTIVITY.

### 10.1 Reactivity.

The product does not present hazards by their reactivity.

### 10.2 Chemical stability.

Unstable in contact with:  
- Acids.

### 10.3 Possibility of hazardous reactions.

Neutralization can occur on contact with acids.

### 10.4 Conditions to avoid.

- Avoid contact with acids.

### 10.5 Incompatible materials.

Avoid the following materials:  
- Acids.

### 10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:  
- Corrosive vapors or gases.

## SECTION 11: TOXICOLOGICAL INFORMATION.

### 11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

### Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
Potassium hydroxide	Oral	LD50	Rat	273 mg/kg [1]
				[1] Fundamental and Applied Toxicology. Vol. 8, Pg. 97, 1987.
	Dermal			
CAS No: 1310-58-3	EC No: 215-181-3	Inhalation		

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a) acute toxicity;

Not conclusive data for classification. Acute Toxicity Estimate (ATE): Mixtures: ATE (Oral) = 7.143 mg/kg

b) skin corrosion/irritation;

Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;

Product classified: Eye irritation, Category 2: Causes serious eye irritation. (\*)

(\*) After performing an in vitro ocular tolerance assessment **BCOP TEST** (Bovine corneal opacity and permeability test), considering the irritation index obtained in vitro was very low, the product pH is close to neutral and taking into account experimental data provided by suppliers regarding classified substances as Eye Dam. 1 at different concentrations, which are present in the mixture, the product can be classified as Eye Irrit. 2 to potentially cause severe eye irritation.

d) respiratory or skin sensitisation;

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

### SECTION 12: ECOLOGICAL INFORMATION.

#### 12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
Potassium hydroxide  CAS No: 1310-58-3    EC No: 215-181-3	Fish	LC50	Gambusia affinis	85 mg/l [1]
	Aquatic invertebrates			
	Aquatic plants			
mixture of Methylchloroisothiazolinone and Methylisothiazolinone (3:1)  CAS No: 55965-84-9    EC No:	Fish			
	Aquatic invertebrates	LC50	Crustacean	0,056 mg/l (48 h) [1]
		LC50	Crustacean	0,056 mg/l (48 h) [2]
Aquatic plants				

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### 12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.  
The components of the product comply with the biodegradability criteria of Regulation (EC) No 648/2004 on detergents.

### 12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Diphenyl ether N. CAS: 101-84-8                      EC No: 202-981-2	4,21	-	-	High

### 12.4 Mobility in soil.

No information is available about the mobility in soil.  
The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.

### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

### 12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

## SECTION 13 DISPOSAL CONSIDERATIONS.

### 13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 2008/98/EC regarding waste management.

## SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

### 14.1 UN number.

Transportation is not dangerous.

### 14.2 UN proper shipping name.

Description:

ADR: Transportation is not dangerous.

IMDG: Transportation is not dangerous.

ICAO: Transportation is not dangerous.

### 14.3 Transport hazard class(es).

Transportation is not dangerous.

### 14.4 Packing group.

Transportation is not dangerous.

### 14.5 Environmental hazards.

Transportation is not dangerous.

### 14.6 Special precautions for user.

Transportation is not dangerous.

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

Transportation is not dangerous.



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### SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product complies with Regulation (EC) No 648/2004 on detergents.

#### Contains in accordance with Regulation (EC) No 648/2004 on detergents:

Non-ionic surfactants	5% - 15%
Soap	5% - 15%
Anionic surfactants	< 5%
Perfumes	

Preservation agents: METHYLCHLOROISOTHIAZOLINONE/METHYLISOTHIAZOLINONE

Allergens: BUTYLPHENYL METHYLPROPIONAL

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

#### 15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
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.
H331	Toxic if inhaled.
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.

Classification codes:

Acute Tox. 3 [Dermal] : Acute toxicity (Dermal), Category 3  
Acute Tox. 3 [Inhalation] : Acute toxicity (Inhalation), Category 3  
Acute Tox. 3 [Oral] : Acute toxicity (Oral), Category 3  
Acute Tox. 4 [Oral] : Acute toxicity (Oral), Category 4  
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1  
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1  
Aquatic Chronic 2 : Chronic effect to the aquatic environment, Category 2  
Eye Dam. 1 : Serious eye damage, Category 1  
Eye Irrit. 2 : Eye irritation, Category 2  
Skin Corr. 1A : Skin Corrosive, Category 1A  
Skin Corr. 1B : Skin Corrosive, Category 1B  
Skin Irrit. 2 : Skin irritant, Category 2  
Skin Sens. 1 : Skin sensitiser, Category 1

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It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

BCF: Bioconcentration factor.  
CEN: European Committee for Standardization.  
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.  
DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.  
EC50: Half maximal effective concentration.  
PPE: Personal protection equipment.  
LC50: Lethal concentration, 50%.  
LD50: Lethal dose, 50%.  
Log Pow: Logarithm of the partition octanol-water.  
NOEC: No observed effect concentration.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>  
<http://echa.europa.eu/>  
Regulation (EU) 2015/830.  
Regulation (EC) No 1907/2006.  
Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.