

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

1.1 Product identifier

Product name

ORACAL® Shampoo for glossy Car Wrapping Films

Chemical name and synonym

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

Identified uses: Cleaning agent

1.3 Details of the supplier of the safety data sheet

Supplier

Orafol Europe GmbH

Orafolstraße 2

16515 Oranienburg

Germany

Tel.: + 49 03301 864 0

Fax.: + 49 03301 864 100

1.4 Emergency telephone number

Information Centre for symptom of poisoning berlin Tel.: + 49 030 19 240

2. Hazard identification.

2.1 Classification of the substance or mixture

Not a hazardous mixture according to EC-directives 1999/45.

Classification 67/548/EEC

Classification (EC) No 1272/2008

Human health

Eye Irrit. 2 H319

The Full Text for all R Phrases and Hazards Statements are Displayed in Section 16.

2.2 Label elements

(EC) No 1272/2008

Label



Signal word

danger

Hazard Statements

H319

Causes serious eye irritation.

Precautionary Statements

P264

Wash ... thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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.

2.3 Other hazards

Not Classified as PBT/vPvB by current EU criteria.

3. Composition/Information on Ingredients

3.2 Mixtures

Chemical Ingredients

EU 648/2004: amphotere Tenside 5-15%, Phosphonate <5%, Flavour (Citral), Preserving Agent, (Methylisothiazolinone, Benzisothiazolinone), Colorant.

Hazardous Ingredients

Product name / CAS-No.	Classification 67/548/EEC	Classification (EC) No 1272/2008	Substance
Cocamidopropyl betaine (CAPB) / 61789-40-0	Xi, R36, 52	Eye Irrit. 2, Aquatic Chronic 3, H319, H412	5-15 %
amine oxide / (61788-90-7)	Xn, Xi, N, R 22,38,41,50	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, H 302, H315, 318, H400	1-5 %
1,2-Benzisothiazolin-3-one/ (2634-33-5)	Xn, Xi, N, R 22,38,41,43,50	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, H 302, H315, 318, H317, H400	<0,01 %
2-Methyl-4-Isothiazolin-3-one/ (2682-20-4)	T, C R 24/25,34,43	Acute Tox. 3, Skin Corr.1B, Skin Sens. 1, H301, H311, H314, H317	<0,01 %

The Full Text for all R Phrases and Hazards Statements are Displayed in Section 16.

4. First aid measures

4.1 Description of first aid measures

Inhalation	Not applicable.
Ingestion	Do not induce vomiting. Rinse out the mouth with water, and then drink a plenty of water. Get medical attention.
Eye contact	Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash.
Skin contact	Wash immediately with plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by contained substances and see chap 11.

5. Extinguishing media

5.1 Extinguishing media

Extinguishing media

Extinction method depend on work environment. Product does not burn.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

6.2 Environmental precautions

Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Dam and absorb spillages with suitable inert absorbent material.

Cleaning method: little amount of spilled product dilute with plenty of water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

Special protective measures are not necessary.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

Occupational exposure controls

Avoid eye contact. Wash hands during breaks and at the end of the work.

Personal protective equipment

Respiratory protection

At Normal disposal Respiratory protection is not necessary.

Hand protection

Use chemical protection gloves when handling the product. Gloves should conform to EN 374. Penetration time depend on material and thickness of the material.

The exact break through time has to be found out by the manufacturer of the Protective gloves and has to be observed.

Wear suitable gloves: nitrile rubber, natural latex, chloroprene rubber.

Eye protection

Avoid contact with eyes. Use safety glasses.

Skin protection

Not necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form	liquid
Colour	yellow clear
Odour	fruity

Safety and environmental information

pH value	6,0-8,5 (20 °C)
Boiling point	100 °C
Melting point	<-90 °C
Freezing point	no information available
Flash point	not applicable
Ignition temperature	not applicable
Vapour pressure	23 hPa (20 °C)
Density	1,01 g/cm ³ (20 °C)
Solubility in water	mixable
Viscosity	no information available
Solvent content	0 %

9.2 Other information

All available information about the substance has been included in section 9.1.

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.4 Conditions to avoid

No special danger to mention.

10.5 Incompatible materials

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Potential acute health effects

Acute toxicity

Cocamidopropyl betaine (CAPB) / 61789-40-0			
oral	LD50	>5000 mg/kg	Spezies rat
Amine oxide / (61788-90-7)			
oral	LD50	>2000 mg/kg	Spezies rat
1,2-Benzisothiazolin-3-one / (2634-33-5)			
oral	ATE	500 mg/kg	
2-Methyl-4-Isouthiazolin-3-one/ (2682-20-4)			
oral	ATE	100 mg/kg	
dermal	ATE	300 mg/kg	

Eye contact

Splash in the eyes could causes serious eye damage.

Skin contact

Moderately Irritating to skin.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

2-Propanol; Isopropylalkohol; Isopropanol	
Acute Toxicity - Fish	LC50: 5,2 mg/l (96h) Species: Leuciscus idus
Acute Toxicity - Microorganisms	ERC50: 24 mg/l (96h)
Acute Toxicity - Aquatic Invertebrates	EC50 17,3 mg/l (48h) Spezies: Daphnia magna

Amine oxide / (61788-90-7)	
Acute Toxicity - Fish	LC50: 12,6 mg/l (96h) Species: Salmo gairdneri
Acute Toxicity - Microorganisms	ERC50: 0,1-1,0 mg/l (96h)
Acute Toxicity - Aquatic Invertebrates	EC50 2,9 mg/l (48h) Spezies: Daphnia magna

12.2 Persistence and degradability

Tenside in mixture a biodegradability according the regulation No. (EC)648/2004

12.3 Bio accumulative potential

No accumulation in organism.

Further Particulars

Discharge low concentration to abiological clarification plant no disfunction to the activated sludge ist o be expected. Chemical oxygen demand (COD) 180 mg O₂/g Product.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose of or incinerate in accordance with corresponding regulations.

Code of waste pursuant to European Council Directive on waste: **200130** MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS (detergents other than those mentioned in 20 01 29)

Uncleaned packagings:

Code of waste pursuant to European Council Directive on waste: **150102** packaging (including separately collected municipal packaging, plasticpac kaging.

R34	Causes burns
R36	Irritating to eyes
R38	Irritating to skin
R41	Risk of serious damage to eyes
R43	May cause sensitization by skin contact
R50	Very toxic to aquatic organisms
R52	Harmful to aquatic organisms

Full text of the products listed in Chapters 2 and 3 Hazard Statements

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.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

General Information

The instructions are based on today's information and knowledge. The safety data sheet describes products in relation to safety requirements. These instructions do not assure application technological properties of the product.