

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

1.1 Product identifier

Product name ORACAL® Shampoo for matte 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



Europe GmbH

Safety Data Sheet

according to (EG) 1907/2006

ORACAL® Shampoo for matte Car
Wrapping Films

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Version 1.0

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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: Tenside 5-15%, Flavour , Preserving Agent, (Methylchloroisothiazolinone, Methylisothiazolinone, Tetramethylol-acetylenediurea), Colorant.

Hazardous Ingredients

Product name / CAS-No.	Classification 67/548/EEC	Classification (EC) No 1272/2008	Substance
Sodium lauryl polyoxyethylene ether sulfate/ (9004-82-4)	Xi R 36,38	Eye Irrit. 2, Eye Irrit. 2 H319, H315	5-15 %
Isotridecyl alcohol polyoxyethylene ether /(69011-36-5)	Xn, Xi, N, R 41	Eye Dam. 1 H318	1-5 %
Tetramethylol acetylenediurea/ (5395-50-6)	Xn, Xi, N, R 43	Skin Sens. 1 H317	<0,1%
CHLORO-2-METHYL-3(2H)-ISOTHIAZOLONE/ (55965-84-9)	T, C, N R23/24/25,34,43,50/53	Acute Tox. 3, Acute Tox. 3 Acute Tox. 3 Skin Corr.1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic H331 H311 H301 H314 H317 H400 H410	<0,0015%

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

Not necessary.

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	6,5-7,5 (20 °C)
Boiling point	101 °C
Melting point	no information available
Freezing point	no information available
Flash point	not applicable
Ignition temperature	not applicable
Vapour pressure	23 hPa (20 °C)
Density	1,04 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

Sodium lauryl polyoxyethylene ether sulfate / (9004-82-4)

oral	LD50	4100 mg/kg	Spezies	rat.
dermal	LD50	>2000 mg/kg	Spezies	rab.

Isotridecyl alcohol polyoxyethylene ether / (69011-36-5)

oral	LD50	>2000 mg/kg	Spezies	rat.
dermal	LD50	>2000 mg/kg	Spezies	rab.

CHLORO-2-METHYL-3(2H)-ISOTHIAZOLONE / (55965-84-9)

oral	ATE	100 mg/kg
dermal	ATE	300 mg/kg
inhalativ	ATE	3 mg/l

Eye contact

Splash in the eyes could causes serious eye damage.

Sensitisation effect

No Sensitisation effect.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Sodium lauryl polyoxyethylene ether sulfate / (9004-82-4)			
Acute Toxicity - Fish	LC50:	7,1 mg/l	(96h)
Acute Toxicity - Microorganisms	ERC50:	7,5 mg/l	(96h)
Acute Toxicity - Aquatic Invertebrates	EC50	7,2 mg/l	(48h)

Isotridecyl alcohol polyoxyethylene ether / (69011-36-5)			
Acute Toxicity - Fish	LC50:	>1-10 mg/l	(96h) Species: Cyprinus carpio
Acute Toxicity - Microorganisms	ERC50:	>1-10 mg/l	(72h) Species: Desmodesmus subspicatus
Acute Toxicity - Aquatic Invertebrates	EC50	>1-10 mg/l	(48h) Spezies: Daphnia magna

12.2 Persistence and degradability

Tenside in mixture are 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) 310 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).

14. TRANSPORT INFORMATION

14.1. UN number

14.2. UN proper shipping name not classified as a dangerous product in respect to
ADR/RID/ADN transportation regulations.

14.2. UN proper shipping name not classified as a dangerous product in respect to
IMDG transportation regulations.

14.2. UN proper shipping name not classified as a dangerous product in respect to
ICAO transportation regulations.

15. REGULATORY INFORMATION

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

National and local regulations must be observed.

Labelling in accordance with EC directives

The product is classified and labeled in accordance with EC directives / Ordinance on Hazardous Materials (GefStoffV)

Information to VOC-Directive:

Volatile organic compound (VOC) in weight %: 0

National regulations (Germany)

Water Hazard Class: WGK 2 hazardous for water (according VwVwS)

15.2 Chemical Safety Assessment

No information available

16. OTHER INFORMATION

General information

This datasheet is not intended to be a replacement for a full risk assessment; these should always be carried out by competent persons.

Full text of the products listed in Chapters 2 and 3 R-Phrases

R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.

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

H301	Toxic 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.

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.