

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

1.1 Product identifier

Product name ORACAL® Intensive Cleaner 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

Classification 67/548/EEC substance or mixture

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

Classification (EC) No 1272/2008

Not a hazardous mixture according to EC-directives 1272/2008

2.2 Label elements

Precautionary statements

Do not get in eyes.

3. Composition/Information on Ingredients

3.2 Mixtures

Chemical Ingredients

Tenside < 15%, Phosphonate <5%, Phosphate <5%, Complexing agent.

Hazardous Ingredients

Product name / CAS-No.	Classification 67/548/EEC	Classification (EC) No 1272/2008	Substance
Potassium pyrophosphate. / 7320-34-5	Xi R 36	Eye Irrit. 2, H319	1 - 5 %
Alcohol ethoxylates based on a C9-11/ 68439-46-3	Xi R 41	Eye Dam. 1, H318	0,1 - 1 %
β-Alanine, N-C8-18-alkyl derivs.monopotassium salts / 90170-42-6	Xi, R 38,41	Skin Irrit. 2, Eye Dam. 1; H315 H318	0,1 - 1 %
Quaternary coco alkyl methyl amine ethoxylate methyl chloride / 863679-20-3	Xn, Xi R 22,38,41	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1; H302 H318 H315	0,1- 1 %

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

General Information	Do not get in eyes.
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 soap and plenty of water.

5. Extinguishing media

5.1 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

Do not get in 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 up: little spillage product - Dilute with plenty of water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not get in eyes.

7.2 Conditions for safe storage, including any incompatibilities

Special protective measures are not necessary.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

Occupational exposure controls

Personal protective equipment

Respiratory protection

Avoiding aerosol.

Hand protection

Is not necessary.

Eye protection

Use safety glasses.

Skin protection

Is not necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form	liquid
Colour	clear, transparent
Odour	typical

Safety and environmental information

pH value	11,5 - 12,0 °C
Boiling point	102 °C
Melting point	no information available
Freezing point	no information available
Flash point	not applicable.
Ignition temperature	not applicable.
Danger of explosion	not explosive
Vapour pressure	23 hPa (20 °C)
Density	1,02 g/cm ³ (20 °C)
Solubility in water	mixable
Viscosity	>20,5 mPa·s (40 °C)
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

10.4 Conditions to avoid

No special danger to mention.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Potential acute health effects

Acute toxicity

Alcohol ethoxylates based on a C9-11 CAS No. 68439-46-3

oral LD50 > 2000 mg/kg Spezies rat.

β-Alanine, N-C8-18-alkyl derivs.monopotassium salts CAS No. 90170-42-6

oral LD50 > 5000 mg/kg Spezies rat.

Quaternary coco alkyl methyl amine ethoxylate methyl chloride CAS No. 863679-20-3

oral LD50 > 300-<2000mg/kg Spezies rat.

Eye contact

Light irritating

Sensitisation effect

No Sensitisation effect.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Alcohol ethoxylates based on a C9-11 CAS No. 68439-46-3

Acute Toxicity - Fish LC50 2,4 mg/l (96h)

Acute Toxicity - Microorganisms ERC50 4,5 mg/l

Acute Toxicity - Aquatic Invertebrates EC50 1-10 mg/l (48h)

β-Alanine, N-C8-18-alkyl derivs.monopotassium salts CAS No. 90170-42-6

Acute Toxicity - Fish LC50 >100 mg/l (96h) Species Onchorhynchus mykiss

Acute Toxicity - Aquatic Invertebrates EC50 >100 mg/l (48h) Species Daphnia magna

Quaternary coco alkyl methyl amine ethoxylate methyl chloride CAS No. 863679-20-3

Acute Toxicity - Fish LC50 <10-100 mg/l (96h)

Acute Toxicity - Microorganisms ERC50 1-10 mg/l (72h)

Acute Toxicity - Aquatic Invertebrates EC50 1-10 mg/l (48h) Daphina

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 to be expected. Chemical oxygen demand (COD) 82 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 ADR/RID/ADN not classified as a dangerous product in respect to transportation regulations.

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

14.2. UN proper shipping name ICAO not classified as a dangerous product in respect to 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 1 low hazardous to water (according VwVwS)

15.2 Chemical Safety Assessment

No information available

16. OTHER INFORMATION

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

R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	

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.