

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

1.1 Product identifier

Product name ORACAL® Fast Care Agent 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: Care 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

Xn R65,66

Classification (EC) No 1272/2008

Human health

Asp. Tox. H304
EUH066

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

**2.2 Label elements
67/548/EEC**

Label



R - Phrases

R65

R66

Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.

(EC) No 1272/2008

Label



Signal word

danger

Hazard Statements

H304

May be fatal if swallowed and enters airways.

Precautionary Statements

P261

P280

P301+P310

P331

P403+P233

EUH066

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Immediately call a POISON CENTER or doctor/physician.
Do Not induce vomiting.
Store in a well ventilated place. Keep container tightly closed.
Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

During use explosive/ high flammable vapor/air mixture could accrue.

3. Composition/Information on Ingredients

3.2 Mixtures

Chemical Ingredients

Aliphatic hydrocarbon 15-30%, Tenside <5%, preserving agent, silicone oil

Hazardous Ingredients

Product name / CAS-No.	Classification 67/548/EEC	Classification (EC) No 1272/2008	Substance
Naphtha (petroleum),hydrotreated heavy / (64742-48-9)	Xn R 65, 66	Asp. Tox. 1; H304, EUH066	20-40 %
Nonionic Tenside	Xi, R 36/38	Skin Irrit. 2, Eye Irrit. 2; H319 H315	1-5 %
Tetramethylol acetylenediurea/ (5395-50-6)	Xi R 43	Skin Sens. 1; H317	<0,1 %
5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1). / (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 1; 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

General Information	If unconscious place in recovery position. Remove the affected individual from the area.
Inhalation	Remove victim immediately from source of exposure. Provide rest, warm and fresh air.
Ingestion	Do not induce vomiting. Rinse out the mouth with water, and then drink a plenty of water. Get medical attention immediately.
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. Get medical attention.
Skin contact	Wash immediately with plenty of water. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of any immediate medical attention and special treatment needed

After ingestion: Symptoms and effects could occur: Nausea, Vomiting, headache, Unconsciousness.

5. Extinguishing media

5.1 Extinguishing media

Extinguishing media

Extinguishers with foam, carbon dioxide, dry powder, or water spray/mist.

Unsuitable extinguishing media

Do not use water jet as this can spread the fire.

5.2 Special hazards arising from the substance or mixture

Fire creates toxic and irritating fumes and vapours.

Hazardous combustion products Carbon monoxide (CO), Carbon dioxide (CO₂)

The vapour is heavier than air and may travel a considerable distance to a source of ignition and flashback.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters

Self-contained breathing apparatus and protective clothing must be worn in case of fire.

Special Fire Fighting Procedures

Containers close to the fire area should be cooled with water if safe to do so. Do not release chemically contaminated water into drains, soil or surface water. Remove product out of danger area.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use protective clothing and equipment as described in section 8 of this datasheet. Isolate all sources of ignition. Provide adequate ventilation. Avoid ingestion, inhalation of vapours and contact with skin and eyes. Avoid heat, flames, sparks and static discharge.

6.2 Environmental precautions

Avoid unauthorised discharge to the environment.

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up

Dam and absorb spillages with suitable inert absorbent material.

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Do not eat, drink or smoke when handling. Do not use in confined spaces without adequate ventilation and/or respirator.

Static electricity and formation of sparks must be prevented. Eliminate all sources of ignition.

The vapour is heavier than air and may travel a considerable distance to a source of ignition and flashback.

7.2 Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from heat and flames. Avoid all ignition sources. Store in area with adequate ventilation and sufficient air movement to prevent any build up of vapours. Store away from heat, direct sunlight and moisture. Store away from basic and acids agents. Store at normal room temperature (approximately till 30°C).

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

Aliphatic hydrocarbon C9-C15 600 mg/m³

8.2 Exposure controls

Occupational exposure controls

Avoid inhalation of vapours, dust, fume or mist. Avoid eye contact. Use in area with adequate ventilation and sufficient air movement or use Respiratory filter. Wash hands during breaks and at the end of the work. After cleaning use a cream.

Personal protective equipment

Respiratory protection

Use an approved respirator if a risk assessment indicates this is necessary.

Respiratory filter (gas) : A

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: Polyvinyl chlorid , Nitrile rubber, Polyvinyl alcohol, Viton

Eye protection

Avoid contact with eyes. Use safety glasses.

Skin protection

Skin protection is not necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form	liquid
Colour	white
Odour	typical
Safety and environmental information	
pH value	7-8 (20 °C)
Boiling point	100-220 °C
Melting point	no information available
Freezing point	no information available
Flash point	63 °C
Ignition temperature	>200 °C
Explosion limits	
	lower explosive limit 0,7 V%
	upper explosive limit 7 V%
Vapour pressure	1 mbar (20 °C)
Density	0,94 g/cm ³ (20 °C)
Solubility in water	mixable
Viscosity	<20,5 mPa·s (40 °C)
Vapour density	no information available
Evaporation rate	no information available

9.2 Other information

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

10. STABILITY AND REACTIVITY

10.4 Conditions to avoid

During use explosive/ high flammable vapor/air mixture could accrue.

10.5 Incompatible materials

Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Potential acute health effects

Acute toxicity

Naphtha (petroleum), hydrotreated heavy CAS No. 64742-48-9

oral	LD50	>5000 mg/kg	Spezies	rat
dermal	LD50	>5000 mg/kg	Spezies	rab.
Inhalativ	LC50	>5 mg/kg	Spezies	rat

5-Chlor-2-methyl-2H-isozhiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1). / (55965-84-9)

oral	ATE	100 mg/kg
dermal	ATE	300 mg/kg
Inhalativ	ATE	5 mg/l

Eye contact

Low irritating.

Skin contact

Moderately Irritating to skin, dryness is possible after repeated or prolonged contact.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Naphtha (petroleum),hydrotreated heavy CAS No. 64742-48-9

Acute Toxicity - Fish	LC50: >1000 mg/l (96h) Spezies: Oncorhynchus mykiss
Acute Toxicity - Microorganisms	ERC50: >1000 mg/l (72h) Spezies: Pseudokirchneriella subcapitata
Acute Toxicity – Aquatic Invertebrates	EC50 >1000 mg/l (48h) Spezies:Daphnia magna

12.2 Persistence and degradability

Abiotic degradation in air.

12.3 Bio accumulative potential

There are no data available on the preparation itself.

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: **140603** WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08) other solvents and solvent mixtures.

Uncleaned packagings:

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

Disposal of uncleaned packagings and recommend cleaning agent

Water with tenside . After discharging and cleaning uncleaned packagings could use again.

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 : 30%

National regulations (Germany)

Water Hazard Class: WGK 1 slightly 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.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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

H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Cause skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Very 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.