

ESV GMBH  
56865 Blankenrath

Date printed 27.01.2025, Revision 27.01.2025

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

OEL-KLEEN Polypropylene

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

#### 1.2.1 Relevant uses

Oil binding agent

#### 1.2.2 Uses advised against

For all uses not specified in SECTION 1.2.1

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

Company  
ESV GMBH  
Zur oberen Heide  
56865 Blankenrath / GERMANY  
Phone 06545-911986+7  
Fax 06545-911988  
Homepage [www.oel-kleen.de](http://www.oel-kleen.de)  
E-mail [info@oel-kleen.de](mailto:info@oel-kleen.de)

#### Address enquiries to

#### Technical information

[info@oel-kleen.de](mailto:info@oel-kleen.de)

#### Safety Data Sheet

[sdb@chemiebuero.de](mailto:sdb@chemiebuero.de) (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

### 1.4 Emergency telephone number

Advisory body  
Call NHS 111 or a doctor

Company  
06545-911986+7

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

No classification.

### 2.2 Label elements

The product does not require a hazard warning label in accordance with regulation CLP.

Hazard pictograms  
none

Signal word  
none

Hazard statements  
none

Precautionary statements  
none

### 2.3 Other hazards

Physico-chemical hazards  
In the supplied form the product is not explosive at all ; however the build-up of fine dust can lead to a risk of dust explosions.

Human health dangers  
Contains no ingredients with endocrine-disrupting properties.

Environmental hazards  
Does not contain any PBT or vPvB substances.

Other hazards  
No particular hazards known.

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

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### 3.2 Mixtures

The product is a mixture.

Range [%]	Substance
80- < 100	Polypropylene CAS: 9003-07-0, EINECS/ELINCS: 618-352-4
1 - < 5	Fatty acids, coco, ethoxylated CAS: 61791-29-5
1 - < 5	Polyethylene glycol CAS: 25322-68-3, EINECS/ELINCS: Polymer

Comment on component parts No dangerous components.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Take off contaminated clothing and wash before reuse.

#### Inhalation

Not required under normal conditions.

#### Skin contact

When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.

#### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

#### Ingestion

Rinse out mouth and give plenty of water to drink.  
In the event of symptoms seek medical treatment.

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

No information available.

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

Treat symptomatically.  
Forward this sheet to your doctor.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam, dry powder, water spray jet, carbon dioxide

#### Extinguishing media that must not be used

Full water jet.

### 5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

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

No special measures necessary.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Take up mechanically.  
Dispose of absorbed material in accordance with the regulations.

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#### 6.4 Reference to other sections

See SECTION 8+13

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.  
Avoid contact with eyes and skin. Use personal protective equipment.

Dust can form an explosive mixture with air.  
The product is combustible.

Wash hands before breaks and after work.  
Use barrier skin cream.

Do not eat, drink or smoke when using this product.

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

Keep only in original container.

Store in a dry place.  
Keep container in a well-ventilated place.

#### 7.3 Specific end use(s)

See product use, SECTION 1.2

### SECTION 8: Exposure controls / personal protection

#### 8.1 Control parameters

##### Ingredients with occupational exposure limits to be monitored (UK)

Substance
Polypropylene
CAS: 9003-07-0, EINECS/ELINCS: 618-352-4
Long-term exposure: 5 mg/m <sup>3</sup> , TWA
Polyethylene glycol
CAS: 25322-68-3, EINECS/ELINCS: Polymer
Long-term exposure: 200E mg/m <sup>3</sup> , Germany

##### Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

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## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. Pay attention to dust limit value (ACGIH-2011: 10 mg/m <sup>3</sup> particle inhalable; 1,25 mg/m <sup>3</sup> particle respirable).
<b>Eye protection</b>	Not required under normal conditions. safety glasses (EN 166:2001)
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. Not required under normal conditions. In full contact: > 0,4 mm: Butyl rubber, >120 min (EN 374-1/-2/-3).
<b>Skin protection</b>	Not required under normal conditions. Protective clothing (EN 340)
<b>Other</b>	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Avoid contact with eyes and skin.
<b>Respiratory protection</b>	Not required under normal conditions. Respiratory protection in the case of dust formation. Use Safety mask. (DIN EN 149)
<b>Thermal hazards</b>	No information available.
<b>Delimitation and monitoring of the environmental exposition</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	solid
<b>Form</b>	powder / granules
<b>Color</b>	grey
<b>Odor</b>	odourless
<b>Odour threshold</b>	not applicable
<b>pH-value</b>	not applicable
<b>pH-value [1%]</b>	not applicable
<b>Boiling point or initial boiling point and boiling range [°C]</b>	No information available.
<b>Flash point [°C]</b>	not applicable
<b>Flammability</b>	> 400
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidising properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	not applicable
<b>Density [g/cm<sup>3</sup>]</b>	No information available.
<b>Relative density</b>	No information available.
<b>Bulk density [kg/m<sup>3</sup>]</b>	No information available.
<b>Solubility in water</b>	insoluble
<b>Solubility other solvents</b>	No information available.
<b>Partition coefficient n-octanol/water (log value)</b>	No information available.
<b>Kinematic viscosity</b>	not applicable
<b>Relative vapour density</b>	not applicable
<b>Melting point [°C]</b>	> 159
<b>Auto-ignition temperature [°C]</b>	not applicable
<b>Decomposition temperature [°C]</b>	not applicable
<b>Particle characteristics</b>	No information available.

### 9.2 Other information

none

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

No hazardous reactions known.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

Product
oral, Based on the available information, the classification criteria are not fulfilled.
Substance
Polyethylene glycol, CAS: 25322-68-3
LD50, oral, > 5000 mg/kg
Polypropylene, CAS: 9003-07-0
LD50, oral, Rat, > 5000 mg/kg (Lit.)

#### Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.
Substance
Polyethylene glycol, CAS: 25322-68-3
LD50, dermal, > 2000 mg/kg
Polypropylene, CAS: 9003-07-0
LD50, dermal, Rabbit, > 2000 mg/kg (Lit.)

#### Acute inhalational toxicity

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.

**Serious eye damage/irritation** Based on the available information, the classification criteria are not fulfilled.

Substance
Polyethylene glycol, CAS: 25322-68-3
no adverse effect observed

**Skin corrosion/irritation** Based on the available information, the classification criteria are not fulfilled.

Substance
Polyethylene glycol, CAS: 25322-68-3
no adverse effect observed

**Respiratory or skin sensitisation** Based on the available information, the classification criteria are not fulfilled.

Substance
Polyethylene glycol, CAS: 25322-68-3
dermal, no adverse effect observed

**Specific target organ toxicity — single exposure** Based on the available information, the classification criteria are not fulfilled.

**Specific target organ toxicity — repeated exposure** Based on the available information, the classification criteria are not fulfilled.

**Mutagenicity** Based on the available information, the classification criteria are not fulfilled.

Substance
Polyethylene glycol, CAS: 25322-68-3
in vitro, negativ

**Reproduction toxicity** Based on the available information, the classification criteria are not fulfilled.

#### - Fertility

Substance
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Polyethylene glycol, CAS: 25322-68-3

NOAEL, oral, Rat, 5699 mg/kg bw/d (Effect on fertility), no adverse effect observed

NOAEL, oral, Rat, 5000 mg/kg bw/d (Effect on developmental toxicity), no adverse effect observed

**- Development**

Substance

Polyethylene glycol, CAS: 25322-68-3

NOAEL, oral, Rat, 5699 mg/kg bw/d (Effect on fertility), no adverse effect observed

NOAEL, oral, Rat, 5000 mg/kg bw/d (Effect on developmental toxicity), no adverse effect observed

**Carcinogenicity**

Based on the available information, the classification criteria are not fulfilled.

**Aspiration hazard**

Based on the available information, the classification criteria are not fulfilled.

**General remarks**

Toxicological data of complete product are not available.

**11.2 Information on other hazards**

**11.2.1 Endocrine disrupting properties**

Contains no ingredients with endocrine-disrupting properties.

**11.2.2 Other information**

none

**SECTION 12: Ecological information**

**12.1 Toxicity**

Product

Based on the available information, the classification criteria are not fulfilled.

Substance

Polyethylene glycol, CAS: 25322-68-3

LC50, (96h), Cyprinus carpio, > 100 mg/l (OECD 203)

EC50, (48h), Daphnia magna, > 100 mg/l (OECD 202)

EC10, Pseudomonas putida, 14730 mg/l (Lit.)

**12.2 Persistence and degradability**

**Behaviour in environment compartments**

No information available.

**Behaviour in sewage plant**

No information available.

**Biological degradability**

The product is not biodegradable.

**12.3 Bioaccumulative potential**

Accumulation in organisms is not expected.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

Based on all available information not to be classified as PBT or vPvB respectively.

**12.6 Endocrine disrupting properties**

Contains no ingredients with endocrine-disrupting properties.

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## 12.7 Other adverse effects

The product is insoluble in water.  
Product will float on water.  
Ecological data of complete product are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

#### Product

For recycling, consult waste disposal centres.  
For recycling, consult manufacturer.

**Waste no. (recommended)** 070213  
150202\*

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.

**Waste no. (recommended)** 150101  
150102  
150103  
150104

## SECTION 14: Transport information

### 14.1 UN number or ID number

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

### 14.2 UN proper shipping name

**Transport by land according to ADR/RID** NO DANGEROUS GOODS

**Inland navigation (ADN)** NO DANGEROUS GOODS

**Marine transport in accordance with IMDG** NOT CLASSIFIED AS "DANGEROUS GOODS"

**Air transport in accordance with IATA** NOT CLASSIFIED AS "DANGEROUS GOODS"

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#### 14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

not applicable

Relevant information under SECTION 6 to 8.

#### 14.7 Maritime transport in bulk according to IMO instruments

not applicable

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## SECTION 15: Regulatory information

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

<b>EEC-REGULATIONS</b>	2008/98/EG (2000/532/EC ); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq$ 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq$ 0.1% that are restricted.  According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.
<b>TRANSPORT-REGULATIONS</b>	ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025)
<b>NATIONAL REGULATIONS (UK):</b>	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	no
- VOC (2010/75/CE)	not applicable

### 15.2 Chemical safety assessment

For this product a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
EL50 = Median effective loading  
ELINCS = European List of Notified Chemical Substances  
EmS = Emergency Schedules  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
IVIS = In vitro irritation score  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
LL50 = Median lethal loading  
LQ = Limited Quantities  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV@/TWA = Threshold limit value – time-weighted average  
TLV@STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

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## 16.2 Other information

Classification procedure

Modified position none

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