

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

### 1.1 Product identifier

OEL-KLEEN Industriekehrspäne  
Article number: 1000030

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

#### 1.2.1 Relevant uses

Cleaning agent

#### 1.2.2 Uses advised against

None known.

### 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 is required to be labelled in accordance with regulation CLP.

#### Hazard pictograms

none

#### Signal word

none

#### Hazard statements

none

#### Precautionary statements

none

#### Special labelling

EUH210 Safety data sheet available on request.

Contains: 2-Methyl-2H-isothiazolin-3-one. EUH208 May produce an allergic reaction.

#### Cleaner, 648/2004/CE, contains:

preservatives BENZISOTHIAZOLINONE  
preservatives METHYLISOTHIAZOLINONE  
perfumes

### 2.3 Other hazards

#### Human health dangers

Contains no ingredients with endocrine-disrupting properties.

#### Environmental hazards

Does not contain any PBT or vPvB substances.

#### Other hazards

none

### SECTION 3: Composition / Information on ingredients

#### 3.1 Substances

not applicable

#### 3.2 Mixtures

The product is a mixture.

| Range [%]        | Substance                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0,00015 - 0,0015 | 2-Methyl-2H-isothiazolin-3-one<br>CAS: 2682-20-4, EINECS/ELINCS: 220-239-6, EU-INDEX: 613-326-00-9<br>GHS/CLP: Acute Tox. 3: H301 H311 - Acute Tox. 2: H330 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - EUH071,<br>M-Factor (acute): 10, M-Factor (chronic): 1<br>SCL [%]: >=0,0015: Skin Sens. 1A: H317 |

#### Comment on component parts

Mixture of coniferous-wood, sand, water, dyes, fragrances.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

Take off contaminated clothing and wash before reuse.

##### Inhalation

Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

##### Skin contact

When in contact with the skin, clean with soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.

##### 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

not applicable

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

Irritant effects

#### 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 within the local regulations.  
Cool containers at risk with water spray jet.

## SECTION 6: Accidental release measures

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

Use personal protective equipment.

### 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. Avoid production of dust.

Dispose of absorbed material in accordance with the regulations.

### 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.

The product will not burn without support flame.  
Material will burn in fire.

Do not eat, drink or smoke when using this product.  
Remove soiled clothing.  
Wash hands before breaks and after work.  
Use barrier skin cream.

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

Keep only in original container.

Keep container tightly closed.  
Recommended storage temperature: room temperature.  
Store in a dry 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)

not relevant

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

not relevant

## 8.2 Exposure controls

|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Additional advice on system design</b>                          | Ensure adequate ventilation on workstation.<br>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).<br>Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. |
| <b>Eye protection</b>                                              | Not required under normal conditions.<br>In the event of dust formation:<br>safety glasses (EN 166:2001)                                                                                                                                                                                                                                                                             |
| <b>Hand protection</b>                                             | The details concerned are recommendations. Please contact the glove supplier for further information.<br>Not required under normal conditions.<br>In full contact:<br>0,4 mm 08.03.02.19a120-tena                                                                                                                                                                                    |
| <b>Skin protection</b>                                             | Protective clothing (EN 340)                                                                                                                                                                                                                                                                                                                                                         |
| <b>Other</b>                                                       | Avoid contact with eyes and skin.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Respiratory protection</b>                                      | Respiratory protection in the case of dust formation.<br>Use Safety mask. (DIN EN 149)                                                                                                                                                                                                                                                                                               |
| <b>Thermal hazards</b>                                             | not applicable                                                                                                                                                                                                                                                                                                                                                                       |
| <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

|                                                               |                           |
|---------------------------------------------------------------|---------------------------|
| Physical state                                                | solid                     |
| Form                                                          | powder / granules         |
| Color                                                         | green                     |
| Odor                                                          | characteristic            |
| Odour threshold                                               | No information available. |
| pH-value                                                      | not applicable            |
| pH-value [1%]                                                 | not applicable            |
| Boiling point or initial boiling point and boiling range [°C] | not applicable            |
| Flash point [°C]                                              | not applicable            |
| Flammability                                                  | not applicable            |
| Lower explosion limit                                         | No information available. |
| Upper explosion limit                                         | No information available. |
| Oxidising properties                                          | no                        |
| Vapour pressure/gas pressure [kPa]                            | No information available. |
| Density [g/cm³]                                               | No information available. |
| Relative density                                              | No information available. |
| Bulk density [kg/m³]                                          | 600                       |
| Solubility in water                                           | insoluble                 |
| Solubility other solvents                                     | No information available. |
| Partition coefficient n-octanol/water (log value)             | No information available. |
| Kinematic viscosity                                           | not applicable            |
| Relative vapour density                                       | No information available. |
| Melting point [°C]                                            | not applicable            |
| Auto-ignition temperature [°C]                                | No information available. |
| Decomposition temperature [°C]                                | No information available. |
| Particle characteristics                                      | No information available. |

### 9.2 Other information

none

## 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

Strong heating.

#### **10.5 Incompatible materials**

No information available.

#### **10.6 Hazardous decomposition products**

No hazardous decomposition products known.

## 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                                                                                |
| 2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4                                           |
| LD50, oral, Rat, 120 mg/kg                                                               |

#### Acute dermal toxicity

|                                                                                            |
|--------------------------------------------------------------------------------------------|
| Product                                                                                    |
| dermal, Based on the available information, the classification criteria are not fulfilled. |
| Substance                                                                                  |
| 2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4                                             |
| LC50, dermal, Rabbit, 242 mg/kg                                                            |

#### Acute inhalational toxicity

|                                                                                                |
|------------------------------------------------------------------------------------------------|
| Product                                                                                        |
| inhalative, Based on the available information, the classification criteria are not fulfilled. |
| Substance                                                                                      |
| 2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4                                                 |
| LC50, inhalative, Rat, 340 µg/m <sup>3</sup> (4h)                                              |

#### Serious eye damage/irritation

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

|                                                |
|------------------------------------------------|
| Substance                                      |
| 2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4 |
| Eye, corrosive                                 |

#### Skin corrosion/irritation

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

|                                                |
|------------------------------------------------|
| Substance                                      |
| 2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4 |
| dermal, corrosive                              |

#### Respiratory or skin sensitisation

EUH 208: May produce an allergic reaction.  
Calculation method

|                                                |
|------------------------------------------------|
| Substance                                      |
| 2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4 |
| dermal, sensitising                            |

#### 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 |
|-----------|

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4

no adverse effect observed

#### Reproduction toxicity

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

##### - Fertility

Substance

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4

NOAEL, oral, Rat, 69 mg/kg bw/d, no adverse effect observed

##### - Development

Substance

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4

NOAEL, oral, Rabbit, 30 mg/kg bw/d, no adverse effect observed

#### Carcinogenicity

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

Substance

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4

NOAEL, dermal, mouse, 400 mg/kg bw/day, no adverse effect observed

NOAEL, oral, Rat, 3,1 mg/kg bw/day, no adverse effect observed

#### Aspiration hazard

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

#### General remarks

Toxicological data of complete product are not available.  
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

## 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

2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4

LC50, (48h), Invertebrates, 0,93 - 2,98 mg/L

LC50, (96h), Oncorhynchus mykiss, 4,77 mg/l

EC50, (96h), Algae, 72,5 - 103 µg/L

### 12.2 Persistence and degradability

#### Behaviour in environment compartments

No information available.

#### Behaviour in sewage plant

not applicable

#### Biological degradability

No surfactants are contained.

### 12.3 Bioaccumulative potential

No information available.

### 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.

### 12.7 Other adverse effects

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

Coordinate disposal with the authorities if necessary.

#### Waste no. (recommended)

200138

#### Contaminated packaging

Uncontaminated packaging may be reused.  
Packaging that cannot be cleaned should be disposed of as for product.

#### Waste no. (recommended)

150102  
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" |

#### 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

Relevant information under SECTION 6 to 8.

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

not applicable

## SECTION 15: Regulatory information

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

|                                              |                                                                                                                                                                                                                                                                |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EEC-REGULATIONS                              | 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148                                                                |
| - Comment on component parts                 | Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.                                                                                                                                                                        |
| - Annex I (REACH)                            | The product is not subject to Annex I restrictions.                                                                                                                                                                                                            |
| - 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.<br><br>According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions. |
| TRANSPORT-REGULATIONS                        | ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)                                                                                                                                                                                                       |
| NATIONAL REGULATIONS (UK):                   | EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.                                                                                                                                                               |
| - Observe employment restrictions for people | none                                                                                                                                                                                                                                                           |
| - VOC (2010/75/CE)                           | 0%                                                                                                                                                                                                                                                             |

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 3)

H314 Causes severe skin burns and eye damage.  
H330 Fatal if inhaled.  
H301+H311 Toxic if swallowed or in contact with skin.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
EUH071 Corrosive to the respiratory tract.

## 16.2 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

## 16.3 Other information

Classification procedure

Modified position none

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