

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 25.03.2026

Version number 1

Revision: 25.03.2026

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

**1.1 Product identifier**

**Trade name** Odeon

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

No further relevant information available.

**Application of the substance / the mixture** Cleaner

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

**Manufacturer/Supplier:**

ARCORA® International GmbH

Marsstraße 9

D-85609 Aschheim

Telefon: +49 (0)89 / 14 33 29 3-0

Telefax: +49 (0)89 / 14 33 29 3-29

E-Mail: info@arcora.de

**Informing department:** Product safety department

**1.4 Emergency telephone number:**

Beratungsstelle bei Vergiftungen, Berlin (Giftnotrufzentrale Charité)

Tel.: +49 (0) 30 / 30686-700 (Beratung in Deutsch und Englisch)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

**Additional information:**

The classification of the mixture is based on the additivity principle of the ingredients to be considered as laid down in the CLP Regulation, taking into account specified substance-specific concentration limits (if available).

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

**Determination of endocrine-disrupting properties**

The substance/mixture does not contain components in quantities of 0.1% or more considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description:** Mixture of the substances listed below with harmless additions (aqueous solution).

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#### **Dangerous components:**

|                           |                                                            |         |
|---------------------------|------------------------------------------------------------|---------|
| CAS: 64-17-5              | ethanol                                                    | ≥5-<10% |
| EINECS: 200-578-6         | Flam. Liq. 2, H225; Eye Irrit. 2, H319                     |         |
| Reg.nr.: 01-2119457610-43 | Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 % |         |

#### **SVHC**

This product does not contain any substances of very high concern (REACH Regulation (EC) No 1907/2006, Article 57).

#### **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

|                                 |     |
|---------------------------------|-----|
| non-ionic surfactants, perfumes | <5% |
|---------------------------------|-----|

**Additional information** For the wording of the listed hazard phrases refer to section 16.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

**General advice:** Change contaminated clothing

**After inhalation** Supply fresh air; consult doctor in case of symptoms.

#### **After skin contact**

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

#### **After eye contact**

Rinse opened eye for 15 minutes under running water.

In case of persistent symptoms consult doctor.

#### **After swallowing**

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

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

No further relevant information available.

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

No further relevant information available.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents** Water with a full water jet.

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

Thermal decomposition may release irritant gases and vapours

### **5.3 Advice for firefighters**

#### **Protective equipment:**

See section 8.

Wear full protective suit with self-contained breathing apparatus.

#### **Additional information**

Endangered containers in the surrounding area should be cooled with a water-hose.

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**SECTION 6: Accidental release measures**

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

Wear protective equipment. Keep off unprotected persons

**6.2 Environmental precautions:**

Dilute with much water.

If large amounts are released, the authorities must be informed.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Contaminated material has to be disposed as waste (see item 13).

**6.4 Reference to other sections** No dangerous materials are released.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

The usual good standards of industrial hygiene should be maintained.

**Information about protection against explosions and fires:**

Pay attention to general rules of internal fire prevention.

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

**Storage** Keep containers tightly closed. Store in cool, dry conditions.

**Requirements to be met by storerooms and containers:** No special requirements.

**Information about storage in one common storage facility:**

Pay attention to regulations / technical guidelines on mixed storage of flammable liquids.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Components with critical values that require monitoring at the workplace:**

**CAS: 64-17-5 ethanol (≥5-<10%)**

|               |                                                                  |
|---------------|------------------------------------------------------------------|
| AGW (Germany) | Long-term value: 380 mg/m <sup>3</sup> , 200 ppm<br>4(II);DFG, Y |
|---------------|------------------------------------------------------------------|

**DNELs**

**CAS: 64-17-5 ethanol**

|            |                   |                                                      |
|------------|-------------------|------------------------------------------------------|
| Inhalative | DNEL (worker)     | 380 mg/m <sup>3</sup> (Long-term - systemic effects) |
|            | DNEL (population) | 114 mg/m <sup>3</sup> (Long-term - systemic effects) |

**PNECs**

**CAS: 64-17-5 ethanol**

|           |                                   |
|-----------|-----------------------------------|
| PNEC aqua | 0.96 mg/l (fresh water)           |
|           | 0.79 mg/l (marine water)          |
|           | 2.75 mg/l (intermittent releases) |
| PNEC      | 0.63 mg/kg dw (soil)              |

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|               |                                         |
|---------------|-----------------------------------------|
| PNEC sediment | 3.6 mg/kg dw (fresh water)              |
|               | 2.9 mg/kg dw (marine water)             |
| PNEC STP      | 580 mg/l (STP (sewage treatment plant)) |

**Additional information:** The lists that were valid during the compilation were used as basis.

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures**

Wash hands during breaks and at the end of the work.

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Avoid contact with the eyes.

**Breathing equipment:** Not required

**Hand protection**

Protective gloves and protective skin cream.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Eye/face protection** Safety glasses recommended during refilling.

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**

**Physical state**

liquid

**Colour:**

Light blue

**Smell:**

Pleasant

**Odour threshold:**

Not determined

**Melting point/freezing point:**

Not determined

**Boiling point or initial boiling point and boiling range**

Not determined

**Flammability**

Not applicable

**Lower and upper explosion limit**

**Lower:**

Not determined

**Upper:**

Not determined

**Flash point:**

~ 50 °C

**Decomposition temperature:**

Not determined

**pH at 20 °C**

ca. 4

**pH-value:**

**Viscosity:**

**Kinematic viscosity**

Not determined

**dynamic:**

Not determined

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**Solubility**

**Water:**

Fully miscible

**Partition coefficient n-octanol/water (log value)**

Not applicable for mixtures.

**Vapour pressure:**

Not determined

**Density and/or relative density**

**Density at 20 °C**

0.988 g/cm<sup>3</sup>

**Relative density**

Not determined

**Vapour density**

Not determined

**Particle characteristics**

Not relevant (liquid)

**9.2 Other information**

Self-sustaining combustion is not to be expected (Recommendations for the Transport of Dangerous Goods, Manual of Tests and Criteria). (Liquids with a flash point of more than 35 °C and not more than 60 °C need not be classified in Category 3 if the test L.2 for self-sustaining combustion according to the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, Section 32, is negative).

**Appearance:**

**Form:**

Fluid

**Important information on protection of health and environment, and on safety.**

**Self-inflammability:**

Product is not selfigniting.

**Explosive properties:**

Product is not potentially explosive

**Change in condition**

**Evaporation rate**

Not determined

**Information with regard to physical hazard classes**

**Explosives**

Void

**Flammable gases**

Void

**Aerosols**

Void

**Oxidising gases**

Void

**Gases under pressure**

Void

**Flammable liquids**

Void

**Flammable solids**

Void

**Self-reactive substances and mixtures**

Void

**Pyrophoric liquids**

Void

**Pyrophoric solids**

Void

**Self-heating substances and mixtures**

Void

**Substances and mixtures, which emit flammable gases in contact with water**

Void

**Oxidising liquids**

Void

**Oxidising solids**

Void

**Organic peroxides**

Void

**Corrosive to metals**

Void

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**Desensitised explosives**

Void

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** strong oxidizing agents

**10.6 Hazardous decomposition products:**

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

## SECTION 11: Toxicological information

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

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values that are relevant for classification:**

**CAS: 64-17-5 ethanol**

|            |             |                       |
|------------|-------------|-----------------------|
| Oral       | LD50        | 10,470 mg/kg (rat)    |
| Dermal     | LD50        | >2,000 mg/kg (rabbit) |
| Inhalative | LC 50 / 4 h | >50 mg/l (rat)        |

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

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

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

Not all ingredients are listed

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### SECTION 12: Ecological information

#### 12.1 Toxicity

##### **Aquatic toxicity:**

The mixture has been classified according to Article 4.1.3.5 of the CLP Regulation based on the available data of the components (summation method):

The mixture has no aquatic toxicity.

##### **CAS: 64-17-5 ethanol**

LC 50 / 48 h 8,140 mg/l (Leuciscus idus)

EC 50 / 48 h >10,000 mg/l (Daphnia magna)

EC 50 / 72 h 275 mg/l (Chlorella vulgaris)

#### 12.2 Persistence and degradability

##### **CAS: 64-17-5 ethanol**

Biodegradability 97 % (OECD 301 B) (28 d)

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

#### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### 12.7 Other adverse effects

##### **Additional ecological information:**

**General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.

##### **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

If possible, send to be recycled, otherwise burn or deposit in a certified facility.

##### **Waste disposal key number:**

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

**Uncleaned packagings:** Disposal must be made according to official regulations.

##### **Recommendation:**

After complete emptying and cleaning, send to be reconditioned or recycled.

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.

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Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

Caution: Leftovers in the containers may cause the risk of explosion.

Uncleaned containers should not be perforated, cut or welded.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

ADR, IMDG, IATA Void

**14.2 UN proper shipping name**

ADR, IMDG, IATA Void

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA

Class Void

**14.4 Packing group**

ADR, IMDG, IATA Void

**14.5 Environmental hazards:**

Not applicable

Marine pollutant:

No

**14.6 Special precautions for user**

Not applicable

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

Not applicable

Transport/Additional information:

Not dangerous according to the above specifications.

UN "Model Regulation":

Void

**SECTION 15: Regulatory information**

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

**TSCA (Toxic Substances Control Act)**

All ingredients are listed.

**Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**Philippines Inventory of Chemicals and Chemical Substances (PICCS)**

Not all ingredients are listed

**Chinese Chemical Inventory of Existing Chemical Substances (IECSC)**

All ingredients are listed.

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**Australian Inventory of Industrial Chemicals (AIIC)**

All ingredients are listed.

**Korean Existing Chemical Inventory (KECI)**

All ingredients are listed.

**New Zealand Inventory of Chemicals (NZIoC)**

All ingredients are listed.

**Taiwan Chemical Substance Inventory (TCSI)**

All ingredients are listed.

**Japan - Existing Chemical Substances (ENCS)**

All ingredients are listed.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I (12. BlmSchV)** Not all ingredients are listed

**REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)**

Not all ingredients are listed

**LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)**

Not all ingredients are listed

**Regulation (EU) No 649/2012**

Not all ingredients are listed

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Not all ingredients are listed

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Not all ingredients are listed

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Not all ingredients are listed

**Regulation (EC) No 273/2004 on drug precursors**

Not all ingredients are listed

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

Not all ingredients are listed

**REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

Not all ingredients are listed

**National regulations**

**Technical instructions (air):**

| Class | Share in % |
|-------|------------|
| NK    | ≥2.5-<5    |

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. In accordance with Annex II of EC No 1907/2006 as applicable on the date of this safety data sheet.*

**Registration-Number**

**Relevant phrases**

Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**Registration-Number**

**Classification according to Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC and RCR= Estimated Exposition/DNEL)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2