

# 75% Alcohol wipes

## Safety Data Sheet

according to Regulation (EU) 2015/830

Issue date: 3/31/2020 Revision date: 3/31/2020 Version: 1.0

Hand Sanitizing ALCOHOL  
Wipes Kills 99.9% of  
GERMS

By: HOCLEANS

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

#### 1.1. Product identifier

Product form : Article  
Trade name : 75% Alcohol wipes

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Alcohol wipes

##### 1.2.2. Uses advised against

Restrictions on use : No information available

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

##### Manufacturer

KANGNA(ZHEJIANG) MEDICAL SUPPLIES CO.,LTD  
5F,Tower 3,Intime office,No.88 Shuanglong Road,Xihu  
District,Hangzhou,China. T +86 571 86955263 - F +86 571  
86957067

##### Importer

#### 1.4. Emergency telephone number

+86 571 86955263

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable solids, Category 1

H228

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H228 - Flammable solid.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P370+P378 - In case of fire: Use Water spray, Dry powder, Foam, Carbon dioxide to extinguish.

#### 2.3. Other hazards

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name          | Product identifier                                                     | %  | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------|------------------------------------------------------------------------|----|-----------------------------------------------------------------|
| Ethyl alcohol | (CAS-No.) 64-17-5<br>(EC-No.) 200-578-6<br>(EC Index-No.) 603-002-00-5 | 75 | Flam. Liq. 2, H225                                              |
| Water         | (CAS-No.) 7732-18-5<br>(EC-No.) 231-791-2                              | 25 | Not classified                                                  |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If you feel unwell, seek medical advice.                                                                                      |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.                       |
| First-aid measures after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash skin with plenty of water. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.                              |
| First-aid measures after ingestion    | : Rinse mouth. Call a poison center or a doctor if you feel unwell.                                                             |

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

No additional information available

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : No information available.                      |

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : Flammable.                   |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with eyes.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Store in a dry place. Keep container tightly closed.  
Incompatible materials : No information available.

#### 7.3. Specific end use(s)

No additional information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Ethyl alcohol (64-17-5)                 |            |
|-----------------------------------------|------------|
| Austria - Occupational Exposure Limits  |            |
| MAK (mg/m³)                             | 1900 mg/m³ |
| MAK (ppm)                               | 1000 ppm   |
| MAK Short time value (mg/m³)            | 3800 mg/m³ |
| MAK Short time value (ppm)              | 2000 ppm   |
| Belgium - Occupational Exposure Limits  |            |
| Limit value (mg/m³)                     | 1907 mg/m³ |
| Limit value (ppm)                       | 1000 ppm   |
| Bulgaria - Occupational Exposure Limits |            |
| OEL TWA (mg/m³)                         | 1000 mg/m³ |

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| Ethyl alcohol (64-17-5)                                  |                                                                                                            |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Croatia - Occupational Exposure Limits</b>            |                                                                                                            |
| GVI (granična vrijednost izloženosti) (mg/m³)            | 1900 mg/m³                                                                                                 |
| GVI (granična vrijednost izloženosti) (ppm)              | 1000 ppm                                                                                                   |
| <b>Czech Republic - Occupational Exposure Limits</b>     |                                                                                                            |
| Expoziční limity (PEL) (mg/m³)                           | 1000 mg/m³                                                                                                 |
| <b>Denmark - Occupational Exposure Limits</b>            |                                                                                                            |
| Grænseværdie (langvarig) (mg/m³)                         | 1900 mg/m³                                                                                                 |
| Grænseværdie (langvarig) (ppm)                           | 1000 ppm                                                                                                   |
| <b>Estonia - Occupational Exposure Limits</b>            |                                                                                                            |
| OEL TWA (mg/m³)                                          | 1000 mg/m³                                                                                                 |
| OEL TWA (ppm)                                            | 500 ppm                                                                                                    |
| OEL STEL (mg/m³)                                         | 1900 mg/m³                                                                                                 |
| OEL STEL (ppm)                                           | 1000 ppm                                                                                                   |
| <b>Finland - Occupational Exposure Limits</b>            |                                                                                                            |
| HTP-arvo (8h) (mg/m³)                                    | 1900 mg/m³                                                                                                 |
| HTP-arvo (8h) (ppm)                                      | 1000 ppm                                                                                                   |
| HTP-arvo (15 min)                                        | 2500 mg/m³                                                                                                 |
| HTP-arvo (15 min) (ppm)                                  | 1300 ppm                                                                                                   |
| <b>France - Occupational Exposure Limits</b>             |                                                                                                            |
| VME (mg/m³)                                              | 1900 mg/m³                                                                                                 |
| VME (ppm)                                                | 1000 ppm                                                                                                   |
| VLE (mg/m³)                                              | 9500 mg/m³                                                                                                 |
| VLE (ppm)                                                | 5000 ppm                                                                                                   |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |                                                                                                            |
| Occupational exposure limit value (mg/m³)                | 380 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Occupational exposure limit value (ppm)                  | 200 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)   |
| <b>Greece - Occupational Exposure Limits</b>             |                                                                                                            |
| OEL TWA (mg/m³)                                          | 1900 mg/m³                                                                                                 |
| OEL TWA (ppm)                                            | 1000 ppm                                                                                                   |
| <b>Hungary - Occupational Exposure Limits</b>            |                                                                                                            |
| AK-érték                                                 | 1900 mg/m³                                                                                                 |
| CK-érték                                                 | 7600 mg/m³                                                                                                 |
| <b>Ireland - Occupational Exposure Limits</b>            |                                                                                                            |
| OEL (15 min ref) (ppm)                                   | 1000 ppm                                                                                                   |
| <b>Latvia - Occupational Exposure Limits</b>             |                                                                                                            |
| OEL TWA (mg/m³)                                          | 1000 mg/m³                                                                                                 |
| <b>Lithuania - Occupational Exposure Limits</b>          |                                                                                                            |
| IPRV (mg/m³)                                             | 1000 mg/m³                                                                                                 |
| IPRV (ppm)                                               | 500 ppm                                                                                                    |

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| Ethyl alcohol (64-17-5)                       |                                             |
|-----------------------------------------------|---------------------------------------------|
| TPRV (mg/m³)                                  | 1900 mg/m³                                  |
| TPRV (ppm)                                    | 1000 ppm                                    |
| Netherlands - Occupational Exposure Limits    |                                             |
| Grenswaarde TGG 8H (mg/m³)                    | 260 mg/m³                                   |
| Grenswaarde TGG 15MIN (mg/m³)                 | 1900 mg/m³                                  |
| MAC chemical category                         | Skin notation                               |
| Poland - Occupational Exposure Limits         |                                             |
| NDS (mg/m³)                                   | 1900 mg/m³                                  |
| Portugal - Occupational Exposure Limits       |                                             |
| OEL TWA (ppm)                                 | 1000 ppm                                    |
| OEL chemical category (PT)                    | A4 - Not Classifiable as a Human Carcinogen |
| Romania - Occupational Exposure Limits        |                                             |
| OEL TWA (mg/m³)                               | 1900 mg/m³                                  |
| OEL TWA (ppm)                                 | 1000 ppm                                    |
| OEL STEL (mg/m³)                              | 9500 mg/m³                                  |
| OEL STEL (ppm)                                | 5000 ppm                                    |
| Slovakia - Occupational Exposure Limits       |                                             |
| NPHV (priemerná) (mg/m³)                      | 960 mg/m³                                   |
| NPHV (priemerná) (ppm)                        | 500 ppm                                     |
| NPHV (Hraničná) (mg/m³)                       | 1920 mg/m³                                  |
| Slovenia - Occupational Exposure Limits       |                                             |
| OEL TWA (mg/m³)                               | 1900 mg/m³                                  |
| OEL TWA (ppm)                                 | 1000 ppm                                    |
| OEL STEL (mg/m³)                              | 7600 mg/m³                                  |
| OEL STEL (ppm)                                | 4000 ppm                                    |
| Spain - Occupational Exposure Limits          |                                             |
| VLA-EC (mg/m³)                                | 1910 mg/m³                                  |
| VLA-EC (ppm)                                  | 1000 ppm                                    |
| Sweden - Occupational Exposure Limits         |                                             |
| nivågränsvärde (NVG) (mg/m³)                  | 1000 mg/m³                                  |
| nivågränsvärde (NVG) (ppm)                    | 500 ppm                                     |
| kortidsvärde (KTV) (mg/m³)                    | 1900 mg/m³                                  |
| kortidsvärde (KTV) (ppm)                      | 1000 ppm                                    |
| United Kingdom - Occupational Exposure Limits |                                             |
| WEL TWA (mg/m³)                               | 1920 mg/m³                                  |
| WEL TWA (ppm)                                 | 1000 ppm                                    |
| WEL STEL (mg/m³)                              | 5760 mg/m³ (calculated)                     |
| WEL STEL (ppm)                                | 3000 ppm (calculated)                       |
| Norway - Occupational Exposure Limits         |                                             |
| Grenseverdier (AN) (mg/m³)                    | 950 mg/m³                                   |

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| Ethyl alcohol (64-17-5)                            |                                                              |
|----------------------------------------------------|--------------------------------------------------------------|
| Grenseverdier (AN) (ppm)                           | 500 ppm                                                      |
| Grenseverdier (Korttidsverdi) (mg/m <sup>3</sup> ) | 1187.5 mg/m <sup>3</sup> (value calculated)                  |
| Grenseverdier (Korttidsverdi) (ppm)                | 625 ppm (value calculated)                                   |
| Switzerland - Occupational Exposure Limits         |                                                              |
| MAK (mg/m <sup>3</sup> )                           | 960 mg/m <sup>3</sup>                                        |
| MAK (ppm)                                          | 500 ppm                                                      |
| KZGW (mg/m <sup>3</sup> )                          | 1920 mg/m <sup>3</sup>                                       |
| KZGW (ppm)                                         | 1000 ppm                                                     |
| USA - ACGIH - Occupational Exposure Limits         |                                                              |
| ACGIH STEL (ppm)                                   | 1000 ppm                                                     |
| ACGIH chemical category                            | Confirmed Animal Carcinogen with Unknown Relevance to Humans |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

No special protection required under normal conditions.

#### Eye protection:

No special protection required under normal conditions.

#### Skin and body protection:

No special protection required under normal conditions.

#### Respiratory protection:

No special protection required under normal conditions.

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                            |                            |
|--------------------------------------------|----------------------------|
| Physical state                             | : Fluid soaked paper towel |
| Colour                                     | : No data available        |
| Odour                                      | : No data available        |
| Odour threshold                            | : No data available        |
| pH                                         | : No data available        |
| Relative evaporation rate (butylacetate=1) | : No data available        |
| Melting point                              | : No data available        |
| Freezing point                             | : Not applicable           |
| Boiling point                              | : No data available        |
| Flash point                                | : Not applicable           |
| Auto-ignition temperature                  | : Not applicable           |
| Decomposition temperature                  | : No data available        |
| Flammability (solid, gas)                  | : Non flammable.           |
| Vapour pressure                            | : No data available        |

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|                                                 |                     |
|-------------------------------------------------|---------------------|
| Relative vapour density at 20 °C                | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : Not applicable    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### Water (7732-18-5)

|               |            |
|---------------|------------|
| LD50 oral rat | > 90 ml/kg |
|---------------|------------|

#### Ethyl alcohol (64-17-5)

|                            |               |
|----------------------------|---------------|
| LD50 oral rat              | 7060 mg/kg    |
| LC50 inhalation rat (mg/l) | 124.7 mg/l/4h |

|                                   |                  |
|-----------------------------------|------------------|
| Skin corrosion/irritation         | : Not classified |
| Serious eye damage/irritation     | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity            | : Not classified |
| Carcinogenicity                   | : Not classified |



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### Ethyl alcohol (64-17-5)

|            |                            |
|------------|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
|------------|----------------------------|

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

### Ethyl alcohol (64-17-5)

|             |                                                                                |
|-------------|--------------------------------------------------------------------------------|
| LC50 fish 1 | 12.0 – 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
|-------------|--------------------------------------------------------------------------------|

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| LC50 fish 2 | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
|-------------|--------------------------------------------------------------------------|

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| EC50 Daphnia 1 | 9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
|----------------|------------------------------------------------------------------|

|                |                                                                |
|----------------|----------------------------------------------------------------|
| EC50 Daphnia 2 | 2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
|----------------|----------------------------------------------------------------|

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

### Ethyl alcohol (64-17-5)

|                                                 |       |
|-------------------------------------------------|-------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 |
|-------------------------------------------------|-------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### 75% Alcohol wipes

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.



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### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                                                                          | IMDG                                                                                    | IATA                                                                               | ADN                                                                                     | RID                                                                                     |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>14.1. UN number</b>                                                                       |                                                                                         |                                                                                    |                                                                                         |                                                                                         |
| UN 3175                                                                                      | UN 3175                                                                                 | UN 3175                                                                            | UN 3175                                                                                 | UN 3175                                                                                 |
| <b>14.2. UN proper shipping name</b>                                                         |                                                                                         |                                                                                    |                                                                                         |                                                                                         |
| SOLIDS CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol)                             | SOLIDS CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol)                        | Solids containing<br>flammable liquid, n.o.s.<br>(Ethyl alcohol)                   | SOLIDS CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol)                        | SOLIDS CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol)                        |
| <b>Transport document description</b>                                                        |                                                                                         |                                                                                    |                                                                                         |                                                                                         |
| UN 3175 SOLIDS<br>CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol), 4.1,<br>II, (E) | UN 3175 SOLIDS<br>CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol), 4.1,<br>II | UN 3175 Solids containing<br>flammable liquid, n.o.s.<br>(Ethyl alcohol), 4.1, II  | UN 3175 SOLIDS<br>CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol), 4.1,<br>II | UN 3175 SOLIDS<br>CONTAINING<br>FLAMMABLE LIQUID,<br>N.O.S. (Ethyl alcohol), 4.1,<br>II |
| <b>14.3. Transport hazard class(es)</b>                                                      |                                                                                         |                                                                                    |                                                                                         |                                                                                         |
| 4.1                                                                                          | 4.1                                                                                     | 4.1                                                                                | 4.1                                                                                     | 4.1                                                                                     |
|            |       |  |     |     |
| <b>14.4. Packing group</b>                                                                   |                                                                                         |                                                                                    |                                                                                         |                                                                                         |
| II                                                                                           | II                                                                                      | II                                                                                 | II                                                                                      | II                                                                                      |
| <b>14.5. Environmental hazards</b>                                                           |                                                                                         |                                                                                    |                                                                                         |                                                                                         |
| Dangerous for the<br>environment : No                                                        | Dangerous for the<br>environment : No<br>Marine pollutant : No                          | Dangerous for the<br>environment : No                                              | Dangerous for the<br>environment : No                                                   | Dangerous for the<br>environment : No                                                   |
| No supplementary information available                                                       |                                                                                         |                                                                                    |                                                                                         |                                                                                         |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 216, 274, 601  
Limited quantities (ADR) : 1kg  
Excepted quantities (ADR) : E2  
Packing instructions (ADR) : P002, IBC06, R001  
Special packing provisions (ADR) : PP9  
Mixed packing provisions (ADR) : MP11  
Portable tank and bulk container instructions (ADR) : T3, BK1, BK2  
Portable tank and bulk container special provisions (ADR) : TP33  
Vehicle for tank carriage : AT  
Transport category (ADR) : 2  
Special provisions for carriage - Packages (ADR) : V11  
Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP2  
Hazard identification number (Kemler No.) : 40  
Orange plates :



Tunnel restriction code (ADR)

: E

FAO code

: 17

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### Transport by sea

|                                    |                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Special provisions (IMDG)          | : 216, 274                                                                                                |
| Packing instructions (IMDG)        | : P002                                                                                                    |
| Special packing provisions (IMDG)  | : PP9                                                                                                     |
| IBC packing instructions (IMDG)    | : IBC06                                                                                                   |
| IBC special provisions (IMDG)      | : B21                                                                                                     |
| Tank instructions (IMDG)           | : T3, BK2                                                                                                 |
| Tank special provisions (IMDG)     | : TP33                                                                                                    |
| EmS-No. (Fire)                     | : F-A                                                                                                     |
| EmS-No. (Spillage)                 | : S-I                                                                                                     |
| Stowage category (IMDG)            | : B                                                                                                       |
| Properties and observations (IMDG) | : Mixtures of non-dangerous solids (such as soil, sand, production materials etc.) and flammable liquids. |

### Air transport

|                                              |        |
|----------------------------------------------|--------|
| PCA Excepted quantities (IATA)               | : E2   |
| PCA Limited quantities (IATA)                | : Y441 |
| PCA limited quantity max net quantity (IATA) | : 5kg  |
| PCA packing instructions (IATA)              | : 445  |
| PCA max net quantity (IATA)                  | : 15kg |
| CAO packing instructions (IATA)              | : 448  |
| CAO max net quantity (IATA)                  | : 50kg |
| Special provisions (IATA)                    | : A46  |
| ERG code (IATA)                              | : 3L   |

### Inland waterway transport

|                                                          |                                                                                              |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Classification code (ADN)                                | : F1                                                                                         |
| Special provisions (ADN)                                 | : 216, 274, 601, 800                                                                         |
| Limited quantities (ADN)                                 | : 1 kg                                                                                       |
| Excepted quantities (ADN)                                | : E2                                                                                         |
| Equipment required (ADN)                                 | : PP, EX, A                                                                                  |
| Ventilation (ADN)                                        | : VE01, VE03                                                                                 |
| Provisions for inspection of holds during carriage (ADN) | : IN01, IN02                                                                                 |
| Number of blue cones/lights (ADN)                        | : 1                                                                                          |
| Additional requirements/Remarks (ADN)                    | : VE03, IN01 and IN02 apply only when this substance is carried in bulk or without packaging |

### Rail transport

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| Classification code (RID)                                 | : F1                |
| Special provisions (RID)                                  | : 216, 274, 601     |
| Limited quantities (RID)                                  | : 1kg               |
| Excepted quantities (RID)                                 | : E2                |
| Packing instructions (RID)                                | : P002, IBC06, R001 |
| Special packing provisions (RID)                          | : PP9               |
| Mixed packing provisions (RID)                            | : MP11              |
| Portable tank and bulk container instructions (RID)       | : T3, BK1, BK2      |
| Portable tank and bulk container special provisions (RID) | : TP33              |
| Transport category (RID)                                  | : 2                 |
| Special provisions for carriage – Packages (RID)          | : W1                |
| Special provisions for carriage – Bulk (RID)              | : VC1, VC2, AP2     |
| Colis express (express parcels) (RID)                     | : CE11              |
| Hazard identification number (RID)                        | : 40                |

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list

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according to Regulation (EU) 2015/830

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### 15.1.2. National regulations

#### Germany

|                                            |                                                                                                                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employment restrictions                    | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG) |
| Water hazard class (WGK)                   | : WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)                                                                                                       |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)                                                                                                                  |

#### Netherlands

|                                                                                   |                                     |
|-----------------------------------------------------------------------------------|-------------------------------------|
| SZW-lijst van kankerverwekkende stoffen                                           | : Ethyl alcohol is listed           |
| SZW-lijst van mutagene stoffen                                                    | : None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding   | : Ethyl alcohol is listed           |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid | : Ethyl alcohol is listed           |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling   | : Ethyl alcohol is listed           |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate                                                                         |
| BLV     | Biological limit value                                                                          |
| CAS-No. | Chemical Abstract Service number                                                                |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| DMEL    | Derived Minimal Effect level                                                                    |
| DNEL    | Derived-No Effect Level                                                                         |
| EC50    | Median effective concentration                                                                  |
| EC-No.  | European Community number                                                                       |
| EN      | European Standard                                                                               |
| IATA    | International Air Transport Association                                                         |
| IMDG    | International Maritime Dangerous Goods                                                          |
| LC50    | Median lethal concentration                                                                     |
| LD50    | Median lethal dose                                                                              |
| LOAEL   | Lowest Observed Adverse Effect Level                                                            |
| NOAEC   | No-Observed Adverse Effect Concentration                                                        |
| NOAEL   | No-Observed Adverse Effect Level                                                                |
| NOEC    | No-Observed Effect Concentration                                                                |
| OEL     | Occupational Exposure Limit                                                                     |

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|       |                                                                                                   |
|-------|---------------------------------------------------------------------------------------------------|
| PBT   | Persistent Bioaccumulative Toxic                                                                  |
| PNEC  | Predicted No-Effect Concentration                                                                 |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet                                                                                 |
| vPvB  | Very Persistent and Very Bioaccumulative                                                          |
| WGK   | Water Hazard Class                                                                                |

Revision information : Issue date: 3/31/2020  
Revision date: 3/31/2020  
Version: 1.0

Data sources : Loli. ECHA reference.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

| Classification according to Regulation (EC) No. 1272/2008 [CLP]: |      |
|------------------------------------------------------------------|------|
| Flam. Sol. 1                                                     | H228 |

| Full text of H- and EUH-statements: |                                     |
|-------------------------------------|-------------------------------------|
| Flam. Liq. 2                        | Flammable liquids, Category 2       |
| H225                                | Highly flammable liquid and vapour. |
| H228                                | Flammable solid.                    |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.