

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 25.08.2020

Revision: 25.08.2020

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

· **1.1 Product identifier**

· **Trade name: Universal Compound**

· **UFI: 90M0-109R-Q007-IVX0**

· **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**

Lubricant

Lubricating oil

Penetrating oil

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

· **Manufacturer/Supplier:**

Walter Debus GmbH

Schulze-Delitzsch-Str. 17

47445 Moers

Fon: +49 (0)02841 / 88 00 780

Fax: +49 (0)02841 / 88 12 498

Email: [info@debus-spray.de](mailto:info@debus-spray.de)

Web: [www.debus-spray.de](http://www.debus-spray.de)

· **Further information obtainable from:**

VERTRIEB

Fon: +49 (0)02841 / 88 00 780

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Email: [info@debus-spray.de](mailto:info@debus-spray.de)

Web: [www.debus-spray.de](http://www.debus-spray.de)

· **1.4 Emergency telephone number:**

02841 / 88 00 780 (Debus GmbH)

Deutschland

0228 19 240 (Informationszentrale gegen Vergiftungen, Universitätsklinikum Bonn)

Österreich

004314064343 (Vergiftungsinformationszentrale)

01 515 61-0 (Gesundheit Österreich GmbH)

### SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

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

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**

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

The labelling of an aspiration hazard (Asp. Tox. 1 H304) is not required for aerosols and containers with a sealed spray attachment (Regulation (EC) 1272/2008, Annex I, 1.3.3).

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS02 GHS07

· **Signal word Danger**

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**· Hazard-determining components of labelling:**

Kohlenwasserstoffe C13-16, n-Alkane, Isoalkane, Cycloalkane, &lt;0,03% Aromaten

Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cycloalkanes

Propan-2-ol

Hydrocarbons, C6, isoalkanes, &lt;5% n-hexane

**· Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

**· Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe vapours.

P271 Use only outdoors or in a well-ventilated area.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents / container as special waste.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

**· 3.2 Chemical characterisation: Mixtures****· Description:**

Mixture of substances listed below with nonhazardous compounds or compounds with no duty to declare.

**· Dangerous components:**

CAS: 64742-46-7 EC number: 934-954-2 Reg.nr.: 01-2119826592-36	Kohlenwasserstoffe C13-16, n-Alkane, Isoalkane, Cycloalkane, <0,03% Aromaten ⚠ Asp. Tox. 1, H304	25-50%
CAS: 108-93-0 EINECS: 203-630-6	cyclohexanol ⚠ Acute Tox. 4, H302; ⚠ Acute Tox. 4, H332; ⚠ Skin Irrit. 2, H315; ⚠ STOT SE 3, H335	10-25%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	Propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; ⚠ STOT SE 3, H336	≥2.5-<10%
CAS: 64742-49-0 EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cycloalkanes ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336	2.5-10%
CAS: 107-98-2 EINECS: 203-539-1	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	2.5-10%
CAS: 64742-49-0 EC number: 931-254-9 Reg.nr.: 01-2119484651-34	Hydrocarbons, C6, isoalkanes, <5% n-hexane ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; ⚠ STOT SE 3, H336	≥2.5-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319	2.5-10%

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CAS: 92045-53-9 EC number: 927-510-4 Reg.nr.: 01-2119475515-33	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics. Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	≥0.25-<2.5%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide Press. Gas (Liq.), H280	≤2.5%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44	n-hexane Flam. Liq. 2, H225; Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	<0.25%

**Additional information:**

EC-Numbers beginning with "9" are numbers given by ECHA for the purpose of registration according REACH. Eventually mentioned CAS-numbers valid for countries which are not subject to the REACH regulation or in regulations not yet updated with the new naming convention for hydrocarbon solvents. 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 information:**

Take affected persons out into the fresh air.

Do not leave affected persons unattended.

**After inhalation:** Take affected persons into fresh air and keep quiet.

**After skin contact:** Wash with water and soap

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:**

If product is swallowed (normally not possible) DO NOT induce vomiting. DANGER OF ASPIRATION. Search for medical help..

**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**

If swallowed or in case of vomiting, danger of entering the lungs.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

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

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture** Risk of bursting in case of fire heat

**5.3 Advice for firefighters**

**Protective equipment:** Wear fully protective suit.

**Additional information** Cool endangered receptacles with water spray.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Product forms slippery surface when combined with water.

Wear protective equipment. Keep unprotected persons away.

Keep sources of ignition (flames, sparks, etc.) away. Do not use engines near by (potential source of ignition)

Ensure adequate ventilation

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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

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

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Avoid inhalation and contact with the skin and the eyes.  
Open and handle receptacle with care.

### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Do not spray onto a naked flame or any incandescent material.

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

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.  
Store in a cool location.

**Information about storage in one common storage facility:** Store away from oxidising agents.

#### Further information about storage conditions:

Protect from heat and direct sunlight.  
Store in cool, dry conditions in well sealed receptacles.  
**Recommended storage temperature:** 15 - 35°C, max. 50°C

**Storage class:** German storage class: 2B (Aerosols)

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

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

#### 108-93-0 cyclohexanol

WEL (Great Britain) Long-term value: 208 mg/m<sup>3</sup>, 50 ppm

#### 67-63-0 Propan-2-ol

WEL (Great Britain) Short-term value: 1250 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 999 mg/m<sup>3</sup>, 400 ppm

#### 107-98-2 1-methoxy-2-propanol

WEL (Great Britain) Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm  
Sk

IOELV (EU) Short-term value: 568 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 375 mg/m<sup>3</sup>, 100 ppm  
Skin

#### 64742-49-0 Hydrocarbons, C6, isoalkanes, <5% n-hexane

RCP-TWA (Great Britain) Long-term value: 1400 mg/m<sup>3</sup>

#### 64-17-5 ethanol

WEL (Great Britain) Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

#### 92045-53-9 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.

RCP-TWA (Great Britain) Long-term value: 1400 mg/m<sup>3</sup>

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<b>124-38-9 carbon dioxide</b>		
WEL (Great Britain)	Short-term value: 27400 mg/m <sup>3</sup> , 15000 ppm Long-term value: 9150 mg/m <sup>3</sup> , 5000 ppm	
IOELV (EU)	Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm	
<b>64742-49-0 Hydrocarbons, C6-C7, isoalkanes, cyclics, &lt;5% n-hexane</b>		
RCP-TWA (Great Britain)	Long-term value: 1400 mg/m <sup>3</sup>	
<b>110-54-3 n-hexane</b>		
WEL (Great Britain)	Long-term value: 72 mg/m <sup>3</sup> , 20 ppm	
IOELV (EU)	Long-term value: 72 mg/m <sup>3</sup> , 20 ppm	
<b>· DNELs</b>		
<b>67-63-0 Propan-2-ol</b>		
Oral	DNEL Endverbraucher/ Consumers /Consommateur	26 mg/kg BW/ day (.)
Dermal	DNEL - Endverbraucher/ Consumers /Consommateur	319 mg/kg BW /day (.)
	DNEL Arbeiter / Workers/ Travailleur	888 mg/kg BW /day (.)
Inhalative	DNEL Endverbraucher/ Consumers /Consommateur	89 mg /m3 (.)
	DNEL Arbeiter / Workers/ Travailleur	500 mg /m3 (.)
<b>64742-49-0 Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cycloalkanes</b>		
Oral	DNEL Endverbraucher/ Consumers /Consommateur	699 mg/kg BW/ day (.)
Dermal	DNEL - Endverbraucher/ Consumers /Consommateur	699 mg/kg BW /day (.)
	DNEL Arbeiter / Workers/ Travailleur	773 mg/kg BW /day (.)
Inhalative	DNEL Endverbraucher/ Consumers /Consommateur	608 mg /m3 (.)
	DNEL Arbeiter / Workers/ Travailleur	2,035 mg /m3 (.)
<b>64742-49-0 Hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</b>		
Oral	DNEL Endverbraucher/ Consumers /Consommateur	1,301 mg/kg BW/ day (.)
Dermal	DNEL - Endverbraucher/ Consumers /Consommateur	1,377 mg/kg BW /day (.)
	DNEL Arbeiter / Workers/ Travailleur	13,964 mg/kg BW /day (.)
Inhalative	DNEL Endverbraucher/ Consumers /Consommateur	1,137 mg /m3 (.)
	DNEL Arbeiter / Workers/ Travailleur	5,306 mg /m3 (.)
<b>64-17-5 ethanol</b>		
Oral	DNEL Endverbraucher/ Consumers /Consommateur	87 mg/kg BW/ day (.)
Dermal	DNEL - Endverbraucher/ Consumers /Consommateur	206 mg/kg BW /day (.)
	DNEL Arbeiter / Workers/ Travailleur	343 mg/kg BW /day (.)
<b>92045-53-9 Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics.</b>		
Oral	DNEL Endverbraucher/ Consumers /Consommateur	149 mg/kg BW/ day (hum)
Dermal	DNEL - Endverbraucher/ Consumers /Consommateur	149 mg/kg BW /day (.)
	DNEL Arbeiter / Workers/ Travailleur	300 mg/kg BW /day (.)
Inhalative	DNEL Endverbraucher/ Consumers /Consommateur	477 mg /m3 (.)
	DNEL Arbeiter / Workers/ Travailleur	2,085 mg /m3 (.)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

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- Filter: ABEK-P2
- **Protection of hands:**
  - **Material of gloves** If contamination is possible, use gloves made of nitrile according EN 374
  - **Penetration time of glove material** >480 min / 0,9mm
  - **Eye protection:** Safety glasses in case of spittings

### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

- |                           |                 |
|---------------------------|-----------------|
| · <b>Form:</b>            | Aerosol         |
| · <b>Colour:</b>          | Yellow-brown    |
| · <b>Odour:</b>           | Solvent-like    |
| · <b>Odour threshold:</b> | Not determined. |

· **pH-value at 20 °C:** n.a.

##### · Change in condition

- |   |                                      |
|---|--------------------------------------|
| · <b>Melting point/freezing point:</b>                  | Undetermined.                        |
| · <b>Initial boiling point and boiling range:</b> 60 °C | Initial boiling point of the solvent |

· **Flash point:** -22 °C  
concerns to solvent

· **Flammability (solid, gas):** Highly flammable liquid and vapour

· **Ignition temperature:** 240 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Risk of bursting at temperatures > 50°C. Damage of the container may lead to the formation of explosive mixtures of gas/vapors with air.

##### · Explosion limits:

- |                 |           |
|-----------------|-----------|
| · <b>Lower:</b> | 0.6 Vol % |
| · <b>Upper:</b> | 12 Vol %  |

· **Vapour pressure:** Not determined.

· **Pressure (20°C)** 4-6 bar

· **Density at 20 °C:** ca. 0.85 g/cm<sup>3</sup>

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not applicable.

##### · Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

##### · Viscosity:

- |                     |                 |
|---------------------|-----------------|
| · <b>Dynamic:</b>   | Not determined. |
| · <b>Kinematic:</b> | Not determined. |

##### · Solvent content:

- |                            |          |
|----------------------------|----------|
| · <b>Organic solvents:</b> | ca. 92 % |
| · <b>VOC (EC)</b>          | 92.00 %  |

· **9.2 Other information** No further relevant information available.

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**· Additional information**

Vapors are heavier than air.

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
Risk of bursting at temperatures >50°C.  
Avoid warming and the near of open flames / ignition sources (e.g. sparks).
- **10.3 Possibility of hazardous reactions**  
By use or incidental release the formation of explosive vapor/air mixtures is possible.
- **10.4 Conditions to avoid**  
Temperatures >50°C  
Avoid the use in the near of ignition sources.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.
- **Additional information:** Stable for a storage time of min. 24 months

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

**· LD/LC50 values relevant for classification:****108-93-0 cyclohexanol**

Oral	LD50	2,060 mg/kg (rat)
------	------	-------------------

**67-63-0 Propan-2-ol**

Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)

**64742-49-0 Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cycloalkanes**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,800 mg/kg (rabbit)
Inhalative	LC50/4 h	>23.3 mg/l (rat)

**107-98-2 1-methoxy-2-propanol**

Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	13,000 mg/kg (rabbit)
Inhalative	LC50/4 h	25.8 mg/l (rat)

**64-17-5 ethanol**

Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

**110-82-7 cyclohexane**

Oral	LD50	12,705 mg/kg (rat)
------	------	--------------------

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
irritant  
Causes skin irritation.
- **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.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- **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**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**  
May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

**64742-49-0 Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cycloalkanes**

EC 50 / 48h | 3 mg / l (daphnia)

LC 50 / 96 h | >13.4 mg / l (onc)

**64-17-5 ethanol**

LC 50 / 96 h | 8,150 mg / l (gol)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

empty cans: material recycling

filled cans: remove in accordance with local regulations

#### European waste catalogue

16 00 00 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 05 00 | gases in pressure containers and discarded chemicals

16 05 04\* | gases in pressure containers (including halons) containing hazardous substances

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

### 14.1 UN-Number

· **ADR, IMDG, IATA**

UN1950

### 14.2 UN proper shipping name

· **ADR**

1950 AEROSOLS

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· **IMDG** *AEROSOLS*  
· **IATA** *AEROSOLS, flammable*

· **14.3 Transport hazard class(es)**· **ADR**

· **Class** *2 5F Gases.*  
· **Label** *2.1*

· **IMDG, IATA**

· **Class** *2.1*  
· **Label** *2.1*

· **14.4 Packing group**· **ADR, IMDG, IATA** *Void*· **14.5 Environmental hazards:** *Not applicable.*· **14.6 Special precautions for user** *Warning: Gases.*· **Hazard identification number (Kemler code):** *-*· **EMS Number:** *F-D,S-U*· **Stowage Code** *SW1 Protected from sources of heat.*· **Segregation Code** *SW2 Clear of living quarters.*

*SG69 For AEROSOLS with a maximum capacity of 1 litre:  
Segregation as for class 9. Stow "separated from" class 1  
except for division 1.4.  
For AEROSOLS with a capacity above 1 litre:  
Segregation as for the appropriate subdivision of class 2.  
For WASTE AEROSOLS:  
Segregation as for the appropriate subdivision of class 2.*

· **14.7 Transport in bulk according to Annex II of  
Marpol and the IBC Code***Not applicable.*· **Transport/Additional information:**· **ADR**· **Limited quantities (LQ)** *1L*· **Excepted quantities (EQ)** *Code: E0**Not permitted as Excepted Quantity*· **Transport category** *2*· **Tunnel restriction code** *D*· **Remarks:**

*Transportation as "LIMITED QUANTITIES" according  
3.4 ADR is possible.  
Sole marking: Sign for "Limited Quantities" (rhombus  
with two black edges)  
Entry in the transportation document: Transportation  
according chapter 3.4 ADR  
Tunnel category "E" in case of a load of 8000 kg (rgross  
weight) or more.  
Hazardous goods under the transport regulations listed  
above may be subject to special regulations. For details  
please consult the relevant transport regulations*

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· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	IL
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1

### SECTION 15: Regulatory information

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

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P3b FLAMMABLE AEROSOLS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t

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

None of the ingredients is listed.

· **National regulations:**

· **Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.  
Employment restrictions concerning juveniles must be observed.

Class	Share in %
I	0.2
NK	31.1

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

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H361f Suspected of damaging fertility.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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 Harmonised System of Classification and Labelling of Chemicals  
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)  
VOC: Volatile Organic Compounds (USA, EU)

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**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 25.08.2020

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**Trade name: Universal Compound**

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*DNEL: Derived No-Effect Level (REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Aerosol 1: Aerosols – Category 1**Press. Gas (Liq.): Gases under pressure – Liquefied gas**Flam. Liq. 2: Flammable liquids – Category 2**Flam. Liq. 3: Flammable liquids – Category 3**Acute Tox. 4: Acute toxicity - oral – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Repr. 2: Reproductive toxicity – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2**Asp. Tox. 1: Aspiration hazard – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

**\* Data compared to the previous version altered.**

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