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

Printing date 26.02.2025 Version number 1.00 Revision: 26.02.2025

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

- **1.1 Product identifier**

- **Trade name TF25**
- **UFI:** 087M-90EK-Y001-VWAU

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Restrictions on use:**
Restrictions on use according to REGULATION (EC) No 1907/2006 ANNEX XVII apply to this product (see section 15).
- **Application of the substance / the mixture** Cleaning material/ Detergent

- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Riepe GmbH & Co. KG
Theodor Rosenbaum Str. 24-30
32257 Bünde - Deutschland
Tel.: +49 (0) 5223 - 687407-0
Fax: +49 (0) 5223 - 687407-50
E-Mail: info@riepe.eu

- **Informing department:**
Tel.: +49 (0) 5223 - 687407-0
E-mail: info@riepe.eu
- **1.4 Emergency telephone number:**
This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.
Counselling Centre for Poisoning, Mainz
Tel. (+49) 61 31 / 19 240.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**

GHS02 GHS07

- **Signal word** Danger
- **Hazard statements**
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
- **Precautionary statements**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.

(Contd. on page 2)

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

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**
According to the current state of knowledge, no synthetic polymer microparticles > 0.01% are contained.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of the following substances with non-hazardous additions.

- **Dangerous components:**		
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 % substance with a Community workplace exposure limit	≥25-<50%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 substance with a Community workplace exposure limit	10%

- **SVHC**
This preparation does not contain any substances of very high concern (SVHC) in a concentration of ≥ 0.1 % according to Regulation (EC) 1907/2006, Article 57.
- **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:** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
Wash skin with water using soap if available.If persistant irritation occurs, obtain medical attention.
Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.
- **After eye contact**
Rinse immediately opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water.
- **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**
CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

(Contd. on page 3)

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

(Contd. of page 2)

- ***For safety reasons unsuitable extinguishing agents*** *Water with a full water jet.*
- ***5.2 Special hazards arising from the substance or mixture***
Can form explosive gas-air mixtures. In case of incomplete combustion carbon monoxide can arise. Fumes are heavier than air and distributed over ground. Inflammation is possible from a far distance.
- ***5.3 Advice for firefighters***
- ***Protective equipment:***
See section 8.
Wear self-contained breathing apparatus.
- ***Additional information*** *Cool endangered containers in the vicinity with a water spray jet.*

SECTION 6: Accidental release measures

- ***6.1 Personal precautions, protective equipment and emergency procedures***
Put on protective equipment and keep unprotected persons away.
- ***6.2 Environmental precautions:***
Prevent material from reaching sewage system, holes and cellars.
Do not allow to enter drainage system, surface or ground water.
In case of release of larger quantities, inform competent authorities.
- ***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.
Dispose of contaminated material as waste according to point 13.
- ***6.4 Reference to other sections***
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- ***7.1 Precautions for safe handling***
Avoid contact with eyes or skin.
Keep containers tightly sealed.
Store in cool, dry place in tightly closed containers.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace. Avoid repeated or long-term skin contact.
Prevent formation of aerosols.
- ***Information about protection against explosions and fires:***
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
- ***7.2 Conditions for safe storage, including any incompatibilities***
- ***Storage***
Protect against direct sunlight, other sources of heat and ignition.
Store in cool, dry conditions in well sealed containers.
- ***Requirements to be met by storerooms and containers:*** *Store in original container if possible.*
- ***Information about storage in one common storage facility:***
Store away from oxidising agents.
Store away from foodstuffs.
According to guidelines of the VbF, flammable liquids should not be stored together.
- ***Further information about storage conditions:***
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.

(Contd. on page 4)

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

(Contd. of page 3)

Observe regulations / technical rules for the storage of flammable liquids.
- **Storage class** 3 Flammable liquids (TRGS 510, Storage of dangerous substances in portable containers)
- **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:**	
64-17-5 ethanol	
AGW (Germany)	Long-term value: 380 mg/m³, 200 ppm 4(II);DFG, Y
67-64-1 acetone	
AGW (Germany)	Long-term value: 1200 mg/m³, 500 ppm 2(I);AGS, DFG, EU, Y
IOELV (EU)	Long-term value: 1210 mg/m³, 500 ppm

- **DNELs**		
64-17-5 ethanol		
Oral	DNEL (population)	87 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	8.238 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	380 mg/m³ (Long-term, systemic effects)
	DNEL (population)	114 mg/m³ (Long-term, systemic effects)
67-64-1 acetone		
Oral	DNEL (population)	62 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	186 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	62 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	2.420 mg/m³ (Acute, local effects)
		1.210 mg/m³ (Long-term, systemic effects)
	DNEL (population)	200 mg/m³ (Long-term, systemic effects)
78-93-3 2-Butanone		
Oral	DNEL (population)	31 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	1.161 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	412 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	600 mg/m³ (Long-term, systemic effects)
	DNEL (population)	106 mg/m³ (Long-term, systemic effects)

- **PNECs**	
64-17-5 ethanol	
PNEC water	2,75 mg/l (intermittent releases)
	0,96 mg/l (freshwater)
	0,79 mg/l (marine water)
PNEC sediment	3,6 mg/kg dw (freshwater)
	2,9 mg/kg dw (marine water)
PNEC soil	0,63 mg/kg dw (soil)
PNEC STP	580 mg/l (sewage plant)

(Contd. on page 5)

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

(Contd. of page 4)

67-64-1 acetone	
PNEC water	10,6 mg/l (freshwater)
	1,06 mg/l (marine water)
PNEC	21 mg/l (intermittent releases)
	100 mg/l (sewage plant)
PNEC sediment	30,4 mg/kg dw (freshwater)
	3,04 mg/kg dw (marine water)
PNEC soil	29,5 mg/kg dw (soil)
78-93-3 2-Butanone	
PNEC water	55,8 mg/l (freshwater)
	55,8 mg/l (marine water)
PNEC sediment	284,74 mg/kg dw (freshwater)
	284,7 mg/kg dw (marine water)
PNEC soil	22,5 mg/kg dw (soil)
PNEC STP	709 mg/l (sewage plant)

- **Ingredients with biological limit values:**

67-64-1 acetone	
BGW (Germany)	50 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton

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

- **8.2 Exposure controls**
- **Appropriate engineering controls**
Room ventilation or extraction. Measures against electrostatic charging.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**
Keep away from food, beverages and fodder.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
Gases, fumes and aerosols should not be inhaled.
- **Breathing equipment:** Respiratory protection in case of release of vapours/aerosols
- **Recommended filter device for short term use:** Filter A
- **Hand protection**
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
- **Material of gloves**
Butyl rubber, BR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
Material of gloves is recommended for a short-term single use to protect from splashes. For permanent usage contact manufacturer of gloves.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

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

(Contd. of page 5)

- **Eye/face protection** Tightly sealed safety glasses.
- **Body protection:**
Standard protective work clothing. Chemical resistant safety shoes or boots. If skin contact may occur, wear impermeable protective clothing for this solution.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**	
- **General Information**	
- **Physical state**	Liquid
- **Colour:**	Colourless
- **Smell:**	Alcohol-like
- **Odour threshold:**	Not determined.
- **Melting point/freezing point:**	50 °C
- **Boiling point or initial boiling point and boiling range**	55,8-56,6 °C (67-64-1 acetone)
- **Flammability**	Highly flammable.
- **Lower and upper explosion limit**	
- **Lower:**	3,5 Vol %
- **Upper:**	15 Vol %
- **Flash point:**	9,5 °C
- **Auto-ignition temperature:**	425 °C
- **Decomposition temperature:**	Not determined.
- **pH at 20 °C**	7,6
- **pH-value:**	
- **Viscosity:**	
- **Kinematic viscosity**	Not determined.
- **dynamic:**	Not determined.
- **Solubility**	
- **Water:**	Fully miscible
- **Partition coefficient n-octanol/water (log value)**	Not determined.
- **Vapour pressure at 20 °C:**	247 hPa (67-64-1 acetone) (niedrigster Wert der Einzelkomponenten)
- **Vapour pressure at 50 °C:**	800 hPa
- **Density and/or relative density**	
- **Density at 20 °C**	0,875 g/cm³
- **Relative density**	Not determined.
- **Vapour density**	Not determined.
- **9.2 Other information**	
- **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 explosive. However, formation of explosive air/steam mixtures is possible.
- **Evaporation rate**	Not determined.
- **Information with regard to physical hazard classes**	
- **Explosives**	Void
- **Flammable gases**	Void

(Contd. on page 7)

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

(Contd. of page 6)

- **Aerosols**	Void
- **Oxidising gases**	Void
- **Gases under pressure**	Void
- **Flammable liquids**	Highly flammable liquid and vapour.
- **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
- **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:** To avoid: warmth, flames, sparks
- **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 oxidising agents
Reactions with strong oxidising agents.
- **10.6 Hazardous decomposition products:**
Formation of carbon monoxide and carbon dioxide in case of fire.

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:**		
64-17-5 ethanol		
Oral	LD50	10.470 mg/kg (rat) (OECD 401)
Dermal	LD50	>2.000 mg/kg (rabbit) (OECD 402)
Inhalative	LC 50 / 4 h	>50 mg/l (rat) (OECD 403)
		>20 mg/l (mouse)
67-64-1 acetone		
Oral	LD50	5.800 mg/kg (rat)
Dermal	LD50	7.426-15.800 mg/kg (rabbit)
Inhalative	LC 50 / 4 h	76 mg/l (rat)
78-93-3 2-Butanone		
Oral	LD50	3.300 mg/kg (rat)
Dermal	LD50	5.000 mg/kg (rabbit)

(Contd. on page 8)

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

(Contd. of page 7)

Inhalative	LC 50 / 4 h	34,5 mg/l (rat) 40 mg/l (mouse)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **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.

- **STOT-repeated exposure:**

64-17-5 ethanol		
Oral	NOAEL	1.760 mg/kg (rat) (OECD 408, 90 d, target organ: liver)

67-64-1 acetone		
Oral	NOAEL	900 mg/kg (rat) (KG/day 90 days)

- **Additional toxicological information:** irritant
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

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) (OECD 201)

67-64-1 acetone	
LC 50 / 96 h	7.500 mg/l (Leuciscus idus)
	5.540 mg/l (Oncorhynchus mykiss)
EC 50 / 48 h	8.800 mg/l (Daphnia magna)
EC 50 / 96 h	8.300 mg/l (Lepomis macrochirus)
	7.500 mg/l (Selenastrum capricornutum)

78-93-3 2-Butanone	
LC 50 / 96 h	>3.000 mg/l (fish)
EC 50 / 48 h	1.382 mg/l (Daphnia)

- **12.2 Persistence and degradability**

64-17-5 ethanol	
Biodegradability	>70 % /5d (OECD 301 D)

- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

(Contd. on page 9)

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

(Contd. of page 8)

- **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**

- **Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):**	
64-17-5 ethanol	
EC 50 (static)	>100 mg/l (Chlorella pyrenoidosa) (OECD 201)

- **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 note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.
- **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 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.
- **Uncleaned packagings:** Disposal in accordance with official regulations.
- **Recommendation:**
L e v e l o p m e n t : After optimal emptying, immediately return to the supplier tightly closed and without cleaning. Make sure that no foreign matter gets into the packaging!

SECTION 14: Transport information

- **14.1 UN number or ID number**	
- **ADR/RID, IMDG, IATA**	UN1993
- **14.2 UN proper shipping name**	
- **ADR/RID**	1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), ACETONE), special provision 640D
- **IMDG**	FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), ACETONE)
- **IATA**	FLAMMABLE LIQUID, N.O.S. (ETHANOL, ACETONE)
- **14.3 Transport hazard class(es)**	
- **ADR/RID**	
- **Class**	3 (F1) Flammable liquids.
- **Label**	3
- **IMDG, IATA**	
- **Class**	3 Flammable liquids.

(Contd. on page 10)

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

(Contd. of page 9)

- **Label**	3
- **14.4 Packing group** - **ADR/RID, IMDG, IATA**	II
- **14.5 Environmental hazards:**	Not applicable.
- **Marine pollutant:**	No
- **14.6 Special precautions for user**	Warning: Flammable liquids.
- **Kemler Number:**	33
- **EMS Number:**	F-E,S-E
- **Stowage Category**	B
- **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
- **Transport/Additional information:**	
- **ADR/RID**	
- **Limited quantities (LQ)**	1L
- **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
- **IMDG**	
- **Limited quantities (LQ)**	1L
- **Excepted quantities (EQ)**	Código E4 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
- **UN "Model Regulation":**	UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), ACETONE), 3, II

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**

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

- **Hazard pictograms**

GHS02 GHS07

- **Signal word** Danger
- **Hazard statements**

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

- **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 11)

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

(Contd. of page 10)

- ***Directive 2012/18/EU***
- ***Named dangerous substances - ANNEX I*** *None of the ingredients is listed.*
- ***Seveso category*** *P5c FLAMMABLE LIQUIDS*
- ***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*

- ***LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)***
None of the ingredients is listed.

- ***REGULATION (EC) No 1907/2006 ANNEX XVII*** *Conditions of restriction: 3*

- ***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.

- ***REGULATION (EU) 2019/1148***

- ***Regulation (EC) No 273/2004 on drug precursors***		
67-64-1	*acetone*	*3*
78-93-3	*2-Butanone*	*3*

- ***Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors***		
67-64-1	*acetone*	*3*
78-93-3	*2-Butanone*	*3*

- ***National regulations***
- ***Information about limitation of use:***
Employment restrictions concerning young persons must be observed.

- ***Other regulations, limitations and prohibitive regulations***

- ***Substances of very high concern (SVHC) according to REACH, Article 57***
None of the ingredients is listed.

- ***VOC (EU)*** *>523,4 g/l*
- ***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.
This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- ***Registration-Number***
- ***Relevant phrases***
Complete wording of hazard statements and risk phrases (H-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.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
- ***Training hints***
Employees must be regularly trained in the safe handling of the products based on the information in the safety data sheet and the local conditions of the workplace. National regulations on the training of employees in the handling of hazardous substances must be observed.

(Contd. on page 12)

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

(Contd. of page 11)

- ***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.

- ***Department issuing data specification sheet:*** *See section 1.3: Responding area*
- ***Abbreviations and acronyms:***
  LEV. Local Exhaust Ventilation
  NOAEL: No Observed Adverse Effect Level
  RPE: Respiratory Protective Equipment
  RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)
  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)
  TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)
  ISO: International Organisation for Standardisation
  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
  STOT SE 3: Specific target organ toxicity (single exposure) – Category 3