

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 1 of 11

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

**1.1. Product identifier**

DIAMOND SUSPENSION alcohol-based (A)

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

**Use of the substance/mixture**

Professional use.

**Uses advised against**

No information available.

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

Company name:	Schmitz-Metallographie GmbH	
Street:	Kaiserstraße 100	
Place:	D-52134 Herzogenrath	
Telephone:	02407 / 568296-0	Telefax: 02407 / 568296-9
e-mail:	info@schmitz-metallographie.de	
Contact person:	Herr Füllmann	
e-mail:	info@schmitz-metallographie.de	
Internet:	www.schmitz-metallographie.de	
Responsible Department:	Dr. Gans-Eichler	e-mail: info@tge-consult.de
	Chemieberatung GmbH	Tel.: +49(0)2534 6441185
	Otto-Hahn-Str. 36	www.tge-consult.de
	D-48161 Münster	

**1.4. Emergency telephone number:**

02407 / 568296-0 (Mo-Fr 9:00 - 16:00)

**SECTION 2: Hazards identification**

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

**Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 2

Hazard Statements:

Highly flammable liquid and vapour.

**2.2. Label elements**

**Regulation (EC) No. 1272/2008**

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H225 Highly flammable liquid and vapour.

**Precautionary statements**

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

P233 Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of waste according to applicable legislation.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 2 of 11

**2.3. Other hazards**

In use, may form flammable/explosive vapour-air mixture.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

**3.2. Mixtures**

**Chemical characterization**

Preparation of alcohols, glycols, stabilizers and diamond powder

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	ethanol; ethyl alcohol			90 - < 99 %
	200-578-6	603-002-00-5		
	Flam. Liq. 2; H225			

Full text of H and EUH statements: see section 16.

**Further Information**

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Symptoms of poisoning may develop several hours following exposure. Victim should be under medical observation for at least 48 hours after exposure.

**After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove contaminated, saturated clothing immediately.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**After ingestion**

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Caution if victim vomits: Risk of aspiration! Call a physician immediately.

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

The preparation contains ethyl alcohol. Depending on the absorbed amount and circumstances, it comes after an euphoric stage to different intoxication conditions with loss of self-control, dizziness and vomiting.

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

In case of poisoning: ethanol intravenously give (if available also Methylpyrazon). There should be an ethanol concentration of 100-200 mg / 100 ml blood are maintained. At the same hemodialysis and diuretic therapy should be realised.

Early administration of ethanol may counter the toxic effects of ethylene glycol (metabolic acidosis and renal

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 3 of 11

damage). Hemodialysis or peritoneal dialysis has been of benefit (New Eng. J. Med. 304:21 1981).

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Water spray, alcohol resistant foam, Carbon dioxide, Extinguishing powder.

**Unsuitable extinguishing media**

High power water jet.

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

In use, may form flammable/explosive vapour-air mixture.

Can be released in case of fire: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

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

Remove all sources of ignition. Remove persons to safety. Provide adequate ventilation.

Do not breathe gas/fumes/vapour/spray.

Wear personal protection equipment. (See section 8.)

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Prevent spread over a wide area (e.g. by containment or oil barriers).

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Provide adequate ventilation.

**6.4. Reference to other sections**

See section 8.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Avoid exposure. Provide adequate ventilation as well as local exhaust at critical locations.

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

Wear suitable protective clothing. (See section 8.)

**Advice on protection against fire and explosion**

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

**Further information on handling**

Flammable vapours can accumulate in head space of closed systems.

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

**Requirements for storage rooms and vessels**

Keep locked up. Keep container tightly closed and in a well-ventilated place. Keep in a cool place.

**Hints on joint storage**

Do not store together with: Gas, Explosives, Flammable solids, Pyrophoric liquids and solids, Self-heating

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 4 of 11

substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases. Oxidizing liquids. Oxidizing solids. ammonium nitrate. Self-reactive substances and mixtures. Organic peroxides. Non-combustible toxic substances. Radioactive substances. Infectious substances.

**Further information on storage conditions**

Store small packages in a suitable, robust cabinet.

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

See section 1.

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

**8.1. Control parameters**

**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

**8.2. Exposure controls**



**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

**Protective and hygiene measures**

The usual precautions for handling chemicals should be considered. Keep away from food, drink and animal feedingstuffs. Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream. Take off contaminated clothing and wash it before reuse.

**Eye/face protection**

Recommended eye protection brand: Tightly sealed safety glasses. (BS/EN 166)

**Hand protection**

In case of prolonged or frequently repeated skin contact: Wear suitable gloves. Suitable material: Butyl rubber. Thickness of glove material: 0,5 mm Breakthrough time  $\geq$  480 min. penetration time (maximum wearing period): ~ 120 min. (estimated) In the case of wanting to use the gloves again, clean them before taking off and air them well. Before using check leak tightness / impermeability. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it.

**Skin protection**

Wear fire/flame resistant/retardant clothing. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 5 of 11

Exceeding exposure limit values

Insufficient ventilation.

Suitable respiratory protective equipment: gas filtering equipment (EN 141). Type: A

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

**Environmental exposure controls**

Do not allow uncontrolled discharge of product into the environment.

**SECTION 9: Physical and chemical properties**

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

Physical state:	liquid	
Colour:	Colorless / white / gray	
Odour:	alcoholic/sweet	
pH-Value:		not determined

**Changes in the physical state**

Melting point:		not applicable
Initial boiling point and boiling range:		>78 °C
Flash point:		>13 °C

**Explosive properties**

not explosive.  
In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits:	3,5 (Ethanol) vol. %
Upper explosion limits:	15 (Ethanol) vol. %
Ignition temperature:	400 (Ethanol) °C
Decomposition temperature:	not determined

**Oxidizing properties**

not determined

Vapour pressure: (at 20 °C)	5,8 hPa
Density (at 20 °C):	0,8 g/cm <sup>3</sup>
Water solubility:	soluble

**Solubility in other solvents**

not determined

Partition coefficient:	not determined
Viscosity / dynamic: (at 40 °C)	not determined
Viscosity / kinematic: (at 20 °C)	not determined
Flow time:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	100,00 %

**9.2. Other information**

Solid content:	not determined
----------------	----------------

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 6 of 11

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No information available.

**10.2. Chemical stability**

Stable under normal storage and handling conditions.

**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

Keep away from heat.

In case of warming: Ignition hazard.

**10.5. Incompatible materials**

Materials to avoid: Substances which form flammable gases when in contact with water. Organic peroxides. Inflammatory substances. Nitric acid. hydrochloric acid. Sulfuric acid. Perchlorates. Chromium oxides. Acid chlorides. Oxidizing agents. Potassium chlorate. Sodium Hypochlorite

**10.6. Hazardous decomposition products**

Can be released in case of fire: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier
	inhalation (4 h) vapour	LC50 mg/l	124,7	Rat	ECHA Dossier

**Irritation and corrosivity**

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

Irritant effect on the skin: Irritant.

Irritant effect on the eye: Irritant.

Irritant effect on the respiratory tract: Irritant.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

Ethanol:

In-vitro mutagenicity: No experimental indications of mutagenicity in-vitro exist. Reproductive toxicity: Exposure time: 18 weeks Species: CD-1 Mouse. Method: OECD Guideline 416

Result: NOAEL = 20700 mg/kg/day Developmental toxicity/teratogenicity: Exposure time: 19d Species:

Sprague-Dawley Rat. Method: OECD Guideline 414 Result: NOAEL = 16000 ppm (maternal toxicity) Result:

NOAEL >= 20000 ppm (teratogenicity) Literature information: ECHA Dossier

ethanediol; ethylene glycol:

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 7 of 11

In-vitro mutagenicity: Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) 1997; Result: negative.  
Literature information: ECHA Dossier; Carcinogenicity:; Method: oral. Species: Mouse. Exposure duration: 2 years. Result: NOAEL = 1500 mg/kg; Literature information: ECHA Dossier; Developmental toxicity/teratogenicity: Method: -; Species: Mouse.; Exposure duration: 20 d. Result: NOAEC = 2500 mg/m<sup>3</sup>; Literature information: ECHA Dossier

**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.

Ethanol:

Subchronic oral toxicity:

Exposure time: 90d; Species: Sprague-Dawley Rat.

Method: OECD Guideline 408; Result: NOAEL = 1280 mg/kg; Literature information: ECHA Dossier

ethanediol; ethylene glycol:

Subacute oral toxicity: Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study);

Species: Dog.; Exposure duration: 28 d. Results: NOAEL = 2200 mg/kg(bw)/day ; Literature information: ECHA Dossier

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

No information available.

**Practical experience**

**Other observations**

Excessive alcohol consumption during pregnancy induces fetal alcohol syndrome (reduced birth weight, physical and mental disorders). So far there is no indication that this symptom is caused by dermal or inhalative intake.

**Further information**

Human experience: Ingestion of large amounts may cause poisoning. Repeated ingestion leads to kidney damage through the formation of oxalic acid crystals.

**SECTION 12: Ecological information**

**12.1. Toxicity**

CAS No	Chemical name		Dose	[h]   [d]	Species	Source	Method
64-17-5	ethanol; ethyl alcohol						
	Acute fish toxicity	LC50	14200 mg/l	96 h	Pimephales promelas	ECHA Dossier	
	Acute algae toxicity	ErC50	275 mg/l	72 h	Chlorella vulgaris	ECHA Dossier	
	Acute crustacea toxicity	EC50	5012 mg/l	48 h	Ceriodaphnia dubia	ECHA Dossier	
	Crustacea toxicity	NOEC	(9,6) mg/l	9 d	Daphnia magna	ECHA Dossier	

**12.2. Persistence and degradability**

Product is biodegradable.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 8 of 11

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-17-5	ethanol; ethyl alcohol			
	other guideline	84%	20	ECHA Dossier
	Biodegradable.			

**12.3. Bioaccumulative potential**

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No data available.

**Further information**

Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

**List of Wastes Code - residues/unused products**

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

**List of Wastes Code - used product**

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Do not empty into drains; dispose of this material and its container in a safe way.

Handle contaminated packages in the same way as the substance itself.

Recommendation: Containers should be completely drained; Residues may cause an explosion hazard.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number:**

UN 1170



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 9 of 11

**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3



Classification code: F1

Special Provisions: 144 601

Limited quantity: 1 L

Excepted quantity: E2

Transport category: 2

Hazard No: 33

Tunnel restriction code: D/E

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1170

**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3



Classification code: F1

Special Provisions: 144 601

Limited quantity: 1 L

Excepted quantity: E2

**Marine transport (IMDG)**

**14.1. UN number:** UN 1170

**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3



Marine pollutant: No

Special Provisions: 144

Limited quantity: 1 L

Excepted quantity: E2

EmS: F-E, S-D

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN 1170

**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 10 of 11



Special Provisions:	A3 A58 A180
Limited quantity Passenger:	1 L
Passenger LQ:	Y341
Excepted quantity:	E2
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Refer to section 6-8

**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**

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2010/75/EU (VOC): 100 % (calculated)

2004/42/EC (VOC): 800 g/l (calculated)

Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

**Additional information**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII, No (mixture): 3, 40

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information**

**Changes**

Rev. 1.00; Neuerstellung 09.04.2015

Rev. 2.00; Changes in chapter: 2, 3, 7, 8, 11, 12, 13, 14, 15, 16.

Rev. 3.00; 01.04. 2021 Changes in chapter: 8, 16.

**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)

CAS Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of substances and mixtures

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DIAMOND SUSPENSION alcohol-based (A)**

Revision date: 04.01.2021

Product code:

Page 11 of 11

DNEL: Derived No Effect Level  
d: day(s)  
EINECS: European INventory of Existing Commercial chemical Substances  
ELINCS: European List of Notified Chemical Substances  
ECHA: European Chemicals Agency  
EWC: European Waste Catalogue  
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)  
h: hour  
LOAEL: Lowest observed adverse effect level  
LOAEC: Lowest observed adverse effect concentration  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
NOAEL: No observed adverse effect level  
NOAEC: No observed adverse effect concentration  
NLP: No-Longer Polymers  
N/A: not applicable  
OECD: Organisation for Economic Co-operation and Development  
PNEC: predicted no effect concentration  
PBT: Persistent bioaccumulative toxic  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail )  
REACH: Registration, Evaluation, Authorisation of Chemicals  
SVHC: substance of very high concern  
TRGS: Technische Regeln für Gefahrstoffe  
UN: United Nations  
VOC: Volatile Organic Compounds

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data

**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.

**Further Information**

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:  
Health hazards: Calculation method.  
Environmental hazards: Calculation method.  
Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*