Page 1 of 4
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revised on / Version: 12.06.2014 / 0005
Replaces revision of / Version: 26.05.2014 / 0004
Valid from: 12.06.2014
PDF print date: 16.10.2014
HIFCK Spezialreiniger

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifie

HUECK Spezialreiniger Art.: Z91275000.0001

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

Relevant identified uses of the substance or mixture:

Uses advised against:

1.3 Details of the supplier of the safety data sheet

Eduard Hueck GmbH & Co. KG, Loher Str. 9, D-58511 Lüdenscheid Telephone: +49 (0) 23 51 151-1, Fax:

Weiss Chemie + Technik GmbH & Co.KG, Hansastrasse 2, D-35708 Haiger

Phone: +49(0)2773/815-0, Fax: msds@weiss-chemie.de www.w

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone

Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class Hazard category **Hazard statement** Flam. Liq. H225-Highly flammable liquid and vapour. 2 Skin Irrit.

2 H315-Causes skin irritation. H304-May be fatal if swallowed and enters Asp. Tox. 1

airways.

H336-May cause drowsiness or dizziness. STOT SE Aquatic 2 H411-Toxic to aquatic life with long lasting

Chronic effects.

2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments)

F, Highly flammable, R11

Xi. Irritant, R38

XI, Intalit, N35 N, Dangerous for the environment, R51/53 Xn, Harmful, R65 R67

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)









Danger

H225-Highly flammable liquid and vapour. H315-Causes skin irritation. H304-May be fatal if swallowed and enters airways. H336-May cause drowsiness or dizziness. H411-Toxic to aquatic life with long lasting effects.

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261-Avoid breathing vapours or spray. P273-Avoid release to the environment. P280-Wear protective gloves and eye protection. P301+P310+P331-IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. P303+P361+P353-IF ON SKIN (or hair): Take off immediately all contaminated othing. Rinse skin with water/shower. P312-Call a POISON CENTER/doctor if you feel unwell. P403+P233-Store in a well-ventilated place. Keep container tightly closed.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

REGULATION (EC) No 648/2004

aliphatic hydrocarbons

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	
Registration number (REACH)	01-2119475514-35-XXXX
Index	
EINECS, ELINCS, NLP	921-024-6 (REACH-IT List-No.)
CAS	
content %	80-<100
Classification according to Directive 67/548/EEC	Highly flammable, F, R11 Irritant, Xi, R38 Dangerous for the environment, N, R51 Dangerous for the environment, R53 Harmful, Xn, R65 R67
Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Asp. Tox. 1, H304 STOT SE 3, H336 Aputit Chronic 2, H411

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16. The substances named in this section are given with their actual, appropriate classification! For substances that are listed in appendix VI, table 3.1/3.2 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

er pour anything into the mouth of an unconscious person

Inhalation

Remove person from danger area

Supply person with fresh air and consult doctor according to symptoms

If the person is unconscious, place in a stable side position and consult a doctor.

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor

Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting. Consult doctor immediately.

Danger of aspiration In case of vomiting, keep head low so that the stomach content does not reach the lungs.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1. In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours

Dizziness
Effects/damages the central nervous system
Coordination disorders

Unconsciousness

Ingestion: Nausea Vomiting

Danger of aspiration Oedema of the lungs

Chemical pneumonitis (condition similar to pneumonia)

4.3 Indication of any immediate medical attention and special treatment needed

Gastric lavage (stomach washing) only under endotracheal intubation. Subsequent observation for pneumonia and pulmonary oedema. Pulmonary oedema prophylaxis

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinction powder

Water jet spray Alcohol resistant foam

Unsuitable extinguishing media

5.2 Special hazards arising from the substance or mixture

In case of fire the following can devel Oxides of carbon

Toxic gases

Explosive vapour/air mixture
Dangerous vapours heavier than air.
In case of spreading near the ground, flashback to distance sources of ignition is possible.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire

Full protection, if necessary Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep non-essential personnel away

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up. Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities. 6.3 Methods and material for containment and cleaning up

Soak up with absorbent according to Section 13. ous earth) and dispose of

6.4 Reference to other sectionsFor personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Avoid inhalation of the vapours Ensure good ventilation.

Page 2 of 4
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revised on / Version: 12.06.2014 / 0005
Replaces revision of / Version: 26.05.2014 / 0004
Valid from: 12.06.2014
PDF print date: 16.10.2014
HUECK Spezialreiniger
Art.: Z91275000_0001

If applicable, suction measures at the workstation or on the processing machine necessary.

Happincapie, suction measures at the workstation of on the particles of the state o

Handle and open container with care

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the

"Betriebssicherheitsverordnung").
Do not store with flammable or self-igniting materials. Solvent resistant floor

Protect from direct sunlight and warming

Store cool Store in a dry place

7.3 Specific end use(s)

Cleaning product

SECTION 8: Exposure controls/personal protection

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40): 600 mg/m3

(B) Chemical Name	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane			
WEL-TWA: 600 mg/m3	WEL-STEL:			
BMGV·	Other informat	ion:		

) WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted erage) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-"average) fretrence period) EH4U. AGVW = "Arbeitsplatzgrenzwert" (workplace limit value, cermany), I WeLSTEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period.) | BMGV =
Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value,
Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed
through skin. Care = Capable of causing cancer and/or heritable genetic damage.

*** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with

the goal of revision

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection

Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Tight fitting protective goggles with side protection (EN 166)

Skin protection - Hand protection:

Solvent resistant protective gloves (EN 374).

Solvent resistant protective gloves (EN 374).

Recommended

Protective nitrile gloves (EN 374)

Protective Vition® / fluoroelastomer gloves (EN 374)

Minimum layer thickness in mm:

>= 0.50

Permeation time (penetration time) in minutes:

The breakthrough times determined in accordance with EN 374 Part 3 were not obtained under practical

The recommended maximum wearing time is 50% of breakthrough time Protective hand cream recommended

Skin protection - Other: Solvent resistant protection clothing (EN 13034)

Respiratory protection:

Respiratory protection.

If OES or MEL is exceeded.

Gas mask filter A (EN 14387), code colour brown

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards

Not applicable

Additional information on hand protection - No tests have been performed. In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and

varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at pre

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Colour: Odour: Liquid Colourless Characteristic

Not determined pH-value: Not determined

Melting point/freezing point: Initial boiling point and boiling range: Flash point: Evaporation rate: 78 - 113 °C < -18 °C Not determined Flammability (solid, gas): n.a. 0,8 Vol-% Lower explosive limit Upper explosive limit: 7.7 Vol-% Vapour pressure 61 hPa (20°C) Vapour density (air = 1): Density: Bulk density: Not determined ~0,71 g/cm3 (20°C)

Solubility(ies): Not determined Water solubility: Insoluble Partition coefficient (n-octanol/water): Not determined Auto-ignition temperature Decomposition temperature: Not determined <7 mm2/s (40°C) Viscosity:

Explosive properties: Product is not explosive. When using: development

of explosive vapour/air mixture possible

9.2 Other information

Not determined Not determined Not determined Miscibility: Fat solubility / solvent: Conductivity: Surface tension: Not determined Solvents content: >99 % (Organic solvents)

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

See also section 7.

Heating, open flame, ignition sources Electrostatic charge

10.5 Incompatible materials

10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed

SECTION 11: Toxicological information

Possibly more information on health effects, see Section 2.1 (classification)
HUECK Spezialreiniger
Art.: Z91275000.0001

Toxicity/effect	End poin t	Value	Unit	Organis m	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.
Symptoms:						n.d.a.
Other information:						Classification according to calculation procedure.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane							
Toxicity/effect	End poin t	Value	Unit	Organis m	Test method	Notes	
Acute toxicity, by oral route:	LD5 0	>5840	mg/ kg	Rat			
Acute toxicity, by dermal route:	LD5 0	>2920	mg/ kg	Rat			
Acute toxicity, by inhalation:	LC5 0	25,2	mg/l /4h	Rat			
Skin corrosion/irritation:						Irritant	
Serious eye damage/irritation:						Slightly irritant	
Respiratory or skin sensitisation:						Not sensitizising	
Aspiration hazard:						Yes	
Symptoms:						may cause headaches and vertigo.	

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification)
HUECK Spezialreininer

	275000	

Art.: Z91275000.0001								
Toxicity/effect	Endpo	Ti	Val	Unit	Organism	Test	Notes	
	int	me	ue			method		
Toxicity to fish:							n.d.a.	
Toxicity to							n.d.a.	
daphnia:								
Toxicity to algae:							n.d.a.	
Persistence and							n.d.a.	
do avo do bilitus	1		I	I		1	1	

Page 3 of 4
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revised on / Version: 12.06.2014 / 0005
Replaces revision of / Version: 26.05.2014 / 0004
Valid from: 12.06.2014
PDF print date: 16.10.2014
HUECK Spezialreiniger
Art.: Z91275000.0001

Bioaccumulative			n.d.a.
potential:			
Mobility in soil:			n.d.a.
Results of PBT			n.d.a.
and vPvB			
assessment			
Other adverse			n.d.a.
effects:			

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane							
Toxicity/effect	Endpo	Ti	Val	Unit	Organism	Test	Notes
	int	me	ue			method	
Toxicity to fish:	LL50	96	11,	mg/l			Goldforelle
		h	4				(Oncorhynchus
							aguabonita)
Toxicity to	EL50	48	3	mg/l	Daphnia		
daphnia:		h			magna		
Toxicity to algae:	EL50	72	30	mg/l	Pseudokirch		
		h			neriella		
					subcapitata		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 01 04 other organic solvents, washing liquids and mother liquors 14 06 03 other solvents and solvent mixes

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant

For contaminated packing material

Pay attention to local and national official regulations

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Do not perforate, cut up or weld uncleaned container.

Residues may present a risk of explosion.

15 01 01 paper and cardboard packaging

15 01 04 metallic packaging

SECTION 14: Transport information

General statements

3295 Transport by road/by rail (ADR/RID)

UN proper shipping name:
UN 3295 HYDROCARBONS, LIQUID, N.O.S. (SPECIAL PROVISION 640D)
Transport hazard class(es):
3
Packing group:
II Classification code LQ (ADR 2013): 1 L LQ (ADR 2009):

Environmental hazards
Tunnel restriction code: ironmentally hazardous

Transport by sea (IMDG-code)

UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S. (HYDROCARBONS, C6-C7) Transport hazard class(es): Packing group: EmS F-E, S-D

Marine Pollutant: Environmental hazards environmentally hazardous

Transport by air (IATA)

UN proper shipping name: Hydrocarbons, liquid, n.o.s Transport hazard class(es): Packing group: Environmental hazards Not applicable

Special precautions for user

Persons employed in transporting dangerous goods must be trained. All persons involved in transporting must observe safety regulations. Precautions must be taken to prevent damage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Freighted as packaged goods rather than in bulk, therefore not applicable Minimum amount regulations have not been taken into account.

Danger code and packing code on request. Comply with special provisions.

SECTION 15: Regulatory information

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

For classification and labelling see Section 2

Observe restrictions: Comply with trade association/occupational health regulations

Observe law on protection of expectant mothers (German regulation).

Diserve law on protection of expectant mothers (German regulation).

Directive 2010/75/EU (VOC): 705 g/l (100 %)

15.2 Chemical safety assessmentA chemical safety assessment is not provided for mixtures

SECTION 16: Other information

These details refer to the product as it is delivered.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Flam. Liq. 2, H225	Classification based on test data.
Skin Irrit. 2, H315	Classification according to calculation
	procedure.

Asp. Tox. 1, H304	Classification according to calculation
7 top: 10/til 1, 1100 1	
	procedure.
STOT SE 3. H336	Classification according to calculation
0101020,11000	
	procedure.
Aguatic Chronic 2, H411	Classification according to calculation
Aquatic Official 2, 11411	
	procedure.

The following phrases represent the posted R phrases / H phrases. Hazard Class and Risk Category Code

(GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

11 Highly flammable.

38 Irritating to skin.

51 Toxic to aquatic organisms.

51 Foxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53 May cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
67 Vapours may cause drowsiness and dizziness.
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Flam. Liq. — Flammable liquid Skin Irrit. - Skin irritation

Asp. Tox. — Aspiration hazard
STOT SE — Specific target organ toxicity - single exposure - narcotic effects
Aquatic Chronic — Hazardous to the aquatic environment - chronic

Any abbreviations and acronyms used in this document:

Article Categories

Acc., acc. to according, according to
ACGIH
ADR
Accord européen relatif au transport international des marchandises Dangereuses par Route (=
European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL
Acceptable Operator Exposure Level
AOX
Adsorbable organic halogen compounds

AOX Adsorbable or approx. approximately Art., Art. no.Article number ATE Acute Toxicity BAM Bundesanstalt Testing, Germany) Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)

Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and

BAuA

Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health

and Safety, BCF

Bundesanstart uf Arbeitsschutz und Arbeitsmedizin (= Federal institute for Germany)
Bioconcentration factor
Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
Biological monitoring guidance value (EH40, UK)
Biochemical oxygen demand BGV BHT BMGV BOD

BSEF Bromine Science and Environmental Forum

boldine Science and Environmental Forum body weight Chemical Abstracts Service Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants CAS CEC

and Other Fluids CESIO

Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques Collaborative International Pesticides Analytical Council CIPAC

CIP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR carcinogenic, mutagenic, reproductive toxic
COD Chemical oxygen demand

CTFA Cosmetic, Toiletry, and Fragrance Association DMFI

Derived Minimum Effect Level Derived No Effect Level DNEL

DOC DT50

Derived No Effect Coroll
Dissolved organic carbon
Dwell Time - 50% reduction of start concentration
Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for

DVS Deutscher Verband Welding and Allied Processes)

dry weight for example (abbreviation of Latin 'exempli gratia'), for instance European Community European Chemicals Agency e.g. EC

ECHA EEA EEC European Economic Area

European Economic Area
European Economic Community
European Inventory of Existing Commercial Chemical Substances
European List of Notified Chemical Substances
European Norms
United States Environmental Protection Agency (United States of America) EINECS

ELINCS

EN EPA ERC

Environmental Release Categories ES

Exposure scenario et cetera European Union European Waste Catalogue etc. EU EWC

Fax. Fax number

gen. GHS

Fax number general Globally Harmonized System of Classification and Labelling of Chemicals Globally Harmonized System of Classification and Labelling of Chemicals Global warming potential Hen's Egg Test - Chorionallantoic Membrane Halocarbon Global Warming Potential International Agency for Research on Cancer International Air Transport Association GWP HET-CAM HGWP IARC IATA

Intermediate Bulk Container
Intermediate Bulk Container
International Bulk Chemical (Code)
Inhibitory concentration
International Maritime Code for Dangerous Goods IBC IBC (Code) IC IMDG-code

including, inclusive International Uniform ChemicaL Information Database

IUCLID lethal concentration LC50 LCLo

lethal concentration 50 percent kill lowest published lethal concentration Lethal Dose of a chemical LD LD50 Lethal Dose, 50% kill

LDLo LOAEL LOEC LOEL Lethal Dose Low
Lowest Observed Adverse Effect Level
Lowest Observed Effect Concentration
Lowest Observed Effect Level

LQ MARPOL Limited Quantities International Convention for the Prevention of Marine Pollution from Ships

n a not applicable n.av. n.c. n.d.a. no data available

NIOSH National Institute of Occupational Safety and Health (United States of America)

NOAEC No Observed Adverse Effective Concentration NOAEL No Observed Adverse Effect Level NOEC No Observed Effect Concentration No Observed Effect Level

Ozone Depletion Potential ODP OECD Organisation for Economic Co-operation and Development

organic polycyclic aromatic hydrocarbon persistent, bioaccumulative and toxic Chemical product category org. PAH PBT PC

PE PNEC Polyethylene Predicted No Effect Concentration Page 4 of 4
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revised on / Version: 12.06.2014 / 0005
Replaces revision of / Version: 26.05.2014 / 0004
Valid from: 12.06.2014
PDF print date: 16.10.2014
HUECK Spezialreiniger
Att: 291275000 0001 Art.: Z91275000.0001 POCP Photochemical ozone creation potential parts per million Process category Polytetrafluorethylene ppm PROC PTFE PFTE Polysterafluorethylene
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No
1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS
No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely
technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (=
Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone Tel. ThOD Telephone Theoretical oxygen demand TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria)) VbF VOC Volatile organic compounds VOCC Volatile Organic Compounds

PVPB very persistent and very bioaccumulative

WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).

WHO World Health Organization wet weight The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge No responsibility. These statements were made by:
Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90 © by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.