Security data sheet



Product:	WL
Manufacturer:	H.B. FULLER
Product group:	KLEBSTOFF
Article group:	REINIGER
Download:	31.05.2025

KÖRASOLV WL

This data sheet was provided to you by Tewipack Uhl GmbH. The company tewipack Uhl GmbH assumes no responsibility for the topicality and the Accuracy of the information contained. The properties of the products can vary due to various influences such as composition and condition of the Substrate, impurities in or on the substrate, temperature and humidity at the Change storage and environmental conditions during use. Using this product in combination with other material, the customer is responsible for to check through our own tests whether the product is suitable for the planned combination and whether this combination delivers the expected results

Tewipack Uhl GmbH Industriestraße 15 D-75382 Althengstett

Telephone: E-Mail: +49(0)7051/9297-0 Fax Website: +49(0)7051/9297-99 www.tewipack.de

info@tewipack.de

Managing director: Alexander Uhl, Michael Uhl HRB 330424 Calw Amtsgericht Stuttgart 85

Bank details: Sparkasse Pforzheim BLZ 666 500 Konto 17 787

Commerzbank Sindelfingen BLZ 603 400 71 Konto 8 001 166

Vereinigte Volksbank AG Böblingen BLZ 603 900 00 Konto 80 089 003

Postbank Stuttgart BLZ 600 100 70 Konto 146 294 708



Version	Revision Date:	SDS Number:	Date of last issue: 24.08.2022
2.0	21.06.2023	100000017520	Date of first issue: 24.08.2022

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

1.1	Product identifier Product name	:	Körasolv® WL
1.2	Relevant identified uses of th	e s	ubstance or mixture and uses advised against
	Use of the Sub- stance/Mixture	:	Adhesive
	Recommended restrictions on use	:	For industrial use only.
1.3	Details of the supplier of the	saf	ety data sheet
	Company	:	H.B. Fuller, Isar-Rakoll, S.A.
	Address	:	Estrada Nacional 13 PT-4486-851 Mindelo - Vila do Conde +351 229 288 200
	E-mail address of person responsible for the SDS	:	EU-MSDS@hbfuller.com
1.4	Emergency telephone numbe	er	
	• • •		+44 1235 239 670 (24 hours)
			National Poisons Information Centre (NPIC): 01 809 2566 (24 hours)

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12	
Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters air- ways.
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.



Versio 2.0	n Revision Date: 21.06.2023	-	DS Nun 000000 <sup>-</sup>		Date of last issue: 24.08.2022 Date of first issue: 24.08.2022
2.2 La	bel elements				
	abelling (REGULATION (	EC)	No 1272	2/2008)	
н	azard pictograms	:	R.		
Si	ignal word	:	Dange	r	
Н	azard statements	:	H225 H304 H336 H411	May be fat May cause	nmable liquid and vapour. al if swallowed and enters airways. drowsiness or dizziness. quatic life with long lasting effects.
	upplemental Hazard tatements	:	EUH06 drynes	6 s or crackin	Repeated exposure may cause skin g.
P	recautionary statements	:	Preve	ntion:	
			P210 flames P273	and other i	y from heat, hot surfaces, sparks, open gnition sources. No smoking. ase to the environment.
			CENTI P331 P370 -	P310 IF R/doctor. Do NOT in P378 In	SWALLOWED: Immediately call a POISON duce vomiting. case of fire: Use dry sand, dry chemical or pam to extinguish. llage.

### Hazardous components which must be listed on the label:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics,  ${<}5\%$  n-hexane Hydrocarbons C9, aromatics

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative tive and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

#### 3.2 Mixtures

#### Components

CAS-No.	Classification	Concentration
EC-No.		(% w/w)
Index-No.		. ,
Registration number		
	EC-No. Index-No.	EC-No. Index-No.



Version 2.0	Revision Date: 21.06.2023		S Number: 000017520		of last issue: 24.08.2022 of first issue: 24.08.2022	
	ocarbons, C6-C7, n-alka anes, cyclics, <5% n- ne	anes,	92128-66-0 926-605-8 01-211948629 0000	1-36-	Flam. Liq. 2; H225 STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 90 - <= 100
Hydro	carbons C9, aromatics		64742-95-6 265-199-0 649-356-00-4 01-211945585 0000	1-35-	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 2,5 - < 10

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

4.1 Description of first aid me	asures
General advice	: If on clothes, remove clothes. Move the victim to fresh air. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
If inhaled	<ul> <li>Remove person to fresh air. If signs/symptoms continue, get medical attention.</li> <li>In case of unconsciousness bring patient into stable side posi- tion for transport.</li> </ul>
In case of skin contact	: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical atten- tion if eye irritation develops or persists.
If swallowed	<ul> <li>If accidentally swallowed obtain immediate medical attention. Rinse mouth with water.</li> <li>If conscious, drink plenty of water.</li> <li>Do NOT induce vomiting.</li> <li>If symptoms persist, call a physician.</li> </ul>



Version	Revision Date:	SDS Number:	Date of last issue: 24.08.2022
2.0	21.06.2023	10000017520	Date of first issue: 24.08.2022

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

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment

: No further relevant information available.

### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

	Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Water mist Foam Dry powder Carbon dioxide (CO2)		
	Unsuitable extinguishing media	:	Water with a full water jet		
2	Special hazards arising from the substance or mixture				

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

Specific hazards during fire- fighting	:	No further relevant information available.
5.3 Advice for firefighters		

Special protective equipment for firefighters	:	No special protective measures against fire required.
Further information	:	In the event of fire, wear self-contained breathing apparatus. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

#### **SECTION 6: Accidental release measures**

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

Personal precautions	: Remove all sources of ignition.
-	Use personal protective equipment.
	Use breathing protection against the effects of
	fumes/dust/aerosol.
	Evacuate personnel to safe areas.
	Ensure adequate ventilation.

#### 6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water



Version 2.0	Revision Date: 21.06.2023	SDS Number: 100000017520	Date of last issue: 24.08.2022 Date of first issue: 24.08.2022
		cellars.	aterial from reaching sewage system, holes and contaminates rivers and lakes or drains inform
6.3 Metho	ods and material for o	containment and clea	ining up
Meth	ods for cleaning up	acid binder, un Non-sparking t Ensure adequa Send for recov	nert absorbent material (e.g. sand, silica gel, iversal binder, sawdust). ools should be used. ate ventilation. ery or disposal in suitable containers. taminated material as waste according to sec-

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8., For disposal considerations see section 13.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

	•	
Advice on safe l	handling :	Avoid formation of dust and aerosols. Use only with adequate ventilation. Take note of emission threshold. Use solvent-proof equipment. Ensure that suitable extractors are available on processing machines. Handle with care. Keep eye wash bottle available on working place. Avoid release to the environment. Keep away from children.
Advice on prote fire and explosion	•	Keep product and empty container away from heat and sources of ignition. Do not smoke. Take measures to prevent the build up of electrostatic charge. May form explosive mix- tures in air. Highly volatile, flammable constituents are re- leased during processing. In the event of fire and/or explosion do not breathe fumes. Keep breathing equipment ready. Have fire extinguishing equipment ready in case of nearby fire.
	•	luding any incompatibilities
Requirements for	or storade	Keen dark cool and dry. Store in cool place

Requirements for storage areas and containers	:	Keep dark, cool and dry. Store in cool place.
Further information on stor- age conditions	:	Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a cool place. Heat will increase pressure and may lead to the container exploding.



Version Revision Date:	SDS Number:	Date of last issue: 24.08.2022
2.0 21.06.2023	100000017520	Date of first issue: 24.08.2022

#### 7.3 Specific end use(s)

Specific use(s)

: No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
n-hexane	110-54-3	TWA	20 ppm 72 mg/m3	2006/15/EC
	Further inform	nation: Indicative		
		OELV - 8 hrs	20 ppm	IE OEL
		(TWA)	72 mg/m3	
			which have the capacity to pe ith it, and be absorbed into th	
cyclohexane	110-82-7	TWA	200 ppm 700 mg/m3	2006/15/EC
	Further inform	nation: Indicative		
		OELV - 8 hrs (TWA)	200 ppm 700 mg/m3	IE OEL

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Hydrocarbons, C6- C7, n-alkanes, isoal- kanes, cyclics, <5% n-hexane	Workers	Dermal	Systemic effects, Chronic effects	13964 mg/kg
	Workers	Inhalation	Systemic effects, Chronic effects	5306 mg/m3
n-hexane	Workers	Dermal	Long-term systemic effects	13 mg/kg
	Workers	Inhalation	Long-term systemic effects	93 mg/m3
Hydrocarbons C9, aromatics	Workers	Dermal	Long-term systemic effects	25 mg/kg
	Workers	Dermal	Acute systemic ef- fects	25 mg/kg
	Workers	Inhalation	Long-term systemic effects	150 mg/m3
	Workers	Inhalation	Acute systemic ef- fects	150 mg/m3

#### 8.2 Exposure controls

#### Engineering measures

Please take care on national and local requirements.



Version 2.0	Revision Date: 21.06.2023		)S Number: 0000017520	Date of last issue: 24.08.2022 Date of first issue: 24.08.2022
	onal protective equip	ment :	Tightly fitting saf	ety goggles
Hand	I protection			
R	emarks	:	the product/the s The exact break tective glove pro The gloves need and replaced by Apply skin protect	ial has to be impermeable and resistant to substance/the preparation. through time can be obtained from the pro- ducer and this has to be observed. I to be disposed after the penetration time new ones. ctant before working with gloves to avoid skin are a skin cleansing and skincare product after
			materials are su If longer exposure a sturdy overglowed in combinatio Ansell or other s For the perman gloves made of	ent contact gloves made of the following uitable: re to the chemical preparation is necessary, ve against mechanical strain is recommend- in with the Barrier 02-100 underglove from uppliers (penetration time: 480 min). ent contact of a maximum of 15 minutes the following materials are suitable: nimum thickness: 0.7 mm; penetration time:
			15 min) As protection fr ing materials ar	rom splashes gloves made of the follow-
			After contact with able nitrile glove nitrile glove.	h the chemical preparation, take the dispos- off immediately and put on a new disposable
Skin	and body protection	:	Protective clothin	ng
Resp	iratory protection	:	measures (exha assessment den mended exposur In case of brief e use breathing filt	exposure or low pollution (exceeding of TLV)



9.2

Version 2.0	Revision Date: 21.06.2023	SDS Number: 100000017520	Date of last issue: 24.08.2022 Date of first issue: 24.08.2022
			lependent of circulating air. table extractors are available on processing
Protec	ctive measures	Instantly remove Wash hands be the product. Avoid contact ve	n food, drink and animal feedingstuffs. re any soiled and impregnated garments. efore breaks and immediately after handling vith the eyes and skin. e clothing separately.

## **SECTION 9: Physical and chemical properties**

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

Physical state	:	liquid
Colour	:	colourless
Odour	:	solvent-like
Odour Threshold	:	is not determined
Melting point/freezing point	:	is not determined
Boiling point/boiling range	:	77 °C
Flash point	:	-20 °C
Auto-ignition temperature	:	is not determined
Decomposition temperature	:	Not applicable
рН	:	substance/mixture is non-polar/aprotic
Solubility(ies) Water solubility	:	not miscible or difficult to mix
Partition coefficient: n- octanol/water	:	no data available
Vapour pressure	:	133 hPa (20 °C)
Density	:	0,76 g/cm <sup>3</sup> (20 °C)
Relative vapour density	:	is not determined
2 Other information		
Explosives	:	Product is not explosive. However, formation of explosive



Version 2.0	Revision Date: 21.06.2023	SDS Number: 100000017520	Date of last issue: 24.08.2022 Date of first issue: 24.08.2022
		vapour/air n	nixtures is possible.
Evap	oration rate	: is not deterr	nined
SECTION	N 10: Stability and	reactivity	
10.1 Read	tivity		
No fu	rther relevant informa	tion available.	
10.2 Cher	nical stability		
No de	ecomposition if used a	according to the spec	ifications.
10.3 Poss	bility of hazardous	reactions	
Haza	rdous reactions	: Develops re	adily flammable vapours/fumes.
10.4 Cond	ditions to avoid		
Cond	itions to avoid	: No further re	elevant information available.
10.5 Inco	mpatible materials		
Mate	rials to avoid	: No further re	elevant information available.
10.6 Haza	rdous decompositio	n products	
	zardava dagampagiti		

No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

## Acute toxicity

luct:	Prod
-------	------

Acute oral toxicity	:	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Based on available data, the classification criteria are not met.
Acute dermal toxicity	:	Based on available data, the classification criteria are not met.

Components:

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

Acute oral toxicity	:	LD50 (Rat): > 3.350 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 20 mg/l Exposure time: 4 Hours
Acute dermal toxicity	:	LD50 (Rabbit): > 2.000 mg/kg



Version	Revision Date:	SDS Number:	Date of last issue: 24.08.2022
2.0	21.06.2023	100000017520	Date of first issue: 24.08.2022

#### 11.2 Information on other hazards

#### Endocrine disrupting properties

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### Components:

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

•

Toxicity to daphnia and other	:	EC50 (Daphnia magna (Water flea)): 3 mg/l
aquatic invertebrates		Exposure time: 48 Hours

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

#### Product:

Mobility

Medium: Soil Remarks: Do not allow product to reach ground water, water bodies or sewage system.

#### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 12.6 Endocrine disrupting properties

#### Product:

Assessment	: The substance/mixture does not contain components consid-
	ered to have endocrine disrupting properties according to
	REACH Article 57(f) or Commission Delegated regulation
	(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at



Version	Revision Date: 21.06.2023	SDS Number:	Date of last issue: 24.08.2022
2.0		100000017520	Date of first issue: 24.08.2022

levels of 0.1% or higher.

#### 12.7 Other adverse effects

No data available

#### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

ion waste treatme	int methods				
Product	:	Do not dispose of with domestic refuse. Do not dispose of waste into sewer. Hand over to disposers of hazardous waste. The generation of waste should be avoided or minimized wherever possible. Incinerate under controlled conditions in accordance with all local and national laws and regulations. Disposal must be made according to official regulations.			
		These EU waste code numbers are recommendations for waste accruing through the use of adhesives and sealants. Any waste produced from organic solvents or other dangerous substances (according GHS) listed under section 3 of this safety datasheet is itself classified as dangerous (*).			
		Waste accruing during application:08 04 09*waste adhesives and sealants containing or- ganic solvents or other dangerous substances08 04 10waste adhesives and sealants other than those mentioned in 08 04 09			
		Waste accruing during cleaning:08 04 11*adhesive and sealant sludges containing or-ganic solvents or other dangerous substances08 04 12adhesive and sealant sludges other thanthose mentioned in 08 04 11			
		Waste packaging:15 01 01paper and cardboard packaging15 01 02plastic packaging15 01 04metallic packaging15 01 10*packaging containing residues of or contami-nated by dangerous substances.			
Contaminated p	backaging :	Disposal must be made according to official regulations.			

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number



Version 2.0	Revision Date: 21.06.2023		0S Number: 0000017520	Date of last issue: 24.08.2022 Date of first issue: 24.08.2022
AD	)R	:	UN 3295	
RI		:	UN 3295	
	DG		UN 3295	
IA		:	UN 3295	
14.2 UN	I proper shipping name			
AD	DR	:	HYDROCARBON (HYDROCARBOI	IS, LIQUID, N.O.S. NS, C6-C7)
RI	D	:	HYDROCARBON (HYDROCARBOI	IS, LIQUID, N.O.S. NS, C6-C7)
IM	DG	:	HYDROCARBON (Hydrocarbons, C	IS, LIQUID, N.O.S. :6-C7)
IA	ГА	:	Hydrocarbons, liq (Hydrocarbons, C	
14.3 Tr	ansport hazard class(es)			
AD	R	:	3	
RI	D	:	3	
IM	DG	:	3	
IA	ΓΑ	:	3	
14.4 Pa	cking group			
Cla Ha La	<b>DR</b> cking group assification Code zard Identification Number bels nnel restriction code	:	II F1 33 3 (D/E)	
Cla Ha	<b>D</b> cking group assification Code zard Identification Number bels	:	II F1 33 3	
Pa La	<b>DG</b> cking group bels nS Code	:	ll 3 F-E, S-D	
Pa	<b>FA (Cargo)</b> cking group bels	:	II Flammable Liquic	ls
Pa	<b>FA_P (Passenger)</b> cking group bels	:	ll Flammable Liquic	ls



Version	Revision Date:	SDS Number:	Date of last issue: 24.08.2022
2.0	21.06.2023	10000017520	Date of first issue: 24.08.2022

#### 14.5 Environmental hazards

ADR

Environmentally hazardous	:	yes	
<b>RID</b> Environmentally hazardous	:	yes	
IMDG Marine pollutant	:	yes	

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

### **SECTION 15: Regulatory information**

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

-			
	REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59)	:	Not applicable
	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
	Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
	RoHS: 2011/65/EU, Restriction of Hazardous Substances	:	Not applicable
	Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors	:	Neither banned nor restricted
	Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Not applicable
	REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable



Version 2.0	Revision Date: 21.06.2023	SDS Number: 100000017520		ate of last issue: 24.08.2022 ate of first issue: 24.08.2022
an Pa of ma	so III: Directive 2012/18 arliament and of the Con ajor-accident hazards in ances.	uncil on the control	P5c	FLAMMABLE LIQUIDS
			E2	ENVIRONMENTAL HAZARDS
Volat	ile organic compounds	emissions (in	tegrated	l of 24 November 2010 on industrial pollution prevention and control) bounds (VOC) content: 100,00 %, 760,0

#### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

TCSI	:	On the inventory, or in compliance with the inventory
TSCA	:	All substances listed as active on the TSCA inventory
AIIC	:	On the inventory, or in compliance with the inventory
DSL	:	All components of this product are on the Canadian DSL
ENCS	:	On the inventory, or in compliance with the inventory
ISHL	:	On the inventory, or in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
CHINV	:	The formulation contains substances listed on the Swiss In- ventory, On the inventory, or in compliance with the inventory
REACH	:	On the inventory, or in compliance with the inventory
		14 / 16



Version	Revision Date: 21.06.2023	SDS Number:	Date of last issue: 24.08.2022
2.0		100000017520	Date of first issue: 24.08.2022

TECI

: On the inventory, or in compliance with the inventory

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

## **SECTION 16: Other information**

#### Full text of H-Statements

H226 H304 H335 H336 H411 EUH066	:	Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.
Full text of other abbreviations		
H411		
H336	:	May cause drowsiness or dizziness.
H335	:	May cause respiratory irritation.
H304	:	May be fatal if swallowed and enters airways.
H226	:	Flammable liquid and vapour.
H225		Highly flammable liquid and vapour.

Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Flam. Liq.	:	Flammable liquids
STOT SÉ	:	Specific target organ toxicity - single exposure
2006/15/EC	:	Europe. Indicative occupational exposure limit values
IE OEL	:	List of Chemical Agents and Carcinogens with Occupational
		Exposure Limit Values - Code of Practice, Schedule 1 and 2
2006/15/EC / TWA	:	Limit Value - eight hours
IE OEL / OELV - 8 hrs (TWA)	:	Occupational exposure limit value (8-hour reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule: ENCS - Existing and New Chemical Substances (Japan): ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified;



Version	Revision Date:	SDS Number:	Date of last issue: 24.08.2022
2.0	21.06.2023	10000017520	Date of first issue: 24.08.2022

NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

Other information	:		nly contains information relating to lace any product information or prod-
		Modified data compare The following section ha - Section 8	ed to the previous version as been updated:
Contact Point	:	Prepared by: Global Re EU-MSDS@hbfuller.cor	
Classification of the mixtur	e:		Classification procedure:
Flam. Liq. 2	H2	25	Based on product data or assessment
STOT SE 3	H3	36	Calculation method
Asp. Tox. 1	H3	04	Calculation method
Aquatic Chronic 2	H4	11	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

IE / EN