

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Extra Fine Watch Cleaning Solution PCN: 109, 111

Revision date: 17.04.2023

Product code: Beco-002

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

### 1.1. Product identifier

Extra Fine Watch Cleaning Solution PCN: 109, 111

#### Further trade names

Extra Fine Watch Cleaning Solution PCN: 109,111

UFI: 38PM-D68F-VX0C-JWER

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

#### Use of the substance/mixture

Cleaning agent  
Extra Fine Watch Cleaning Solution  
Reserved for industrial and professional use.

#### Uses advised against

Only use for the intended purpose.

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

#### Manufacturer

Company name: L&R Manufacturing Company  
Street: 577 Elm Street, P.O. Box 607  
Place: Kearny, NJ 07032-0607 USA

#### Supplier

Company name: Beco Technic GmbH  
Street: Hermsdorfer Straße 5  
Place: D-21502 Geesthacht  
Telephone: +49 4152 80960  
e-mail (Contact person): service@beco-technic.com  
Internet: http://www.beco-technic.com

### 1.4. Emergency telephone number:

Giftnotrufzentrale Nord: Aus dem Ausland / From abroad: +49 551-19240

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Flam. Liq. 3; H226  
Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
Eye Dam. 1; H318  
STOT SE 3; H336  
STOT RE 1; H372  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

#### Hazard components for labelling

stoddard solvent  
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics  
1-aminopropan-2-ol  
ammonia

**Signal word:** Danger

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**Pictograms:**

**Hazard statements**

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container in accordance with national disposal regulations.

**Special labelling of certain mixtures**

EUH066	Repeated exposure may cause skin dryness or cracking.
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**2.3. Other hazards**

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

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**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
8052-41-3	stoddard solvent; Low boiling point naphtha - unspecified			60-65 %
	232-489-3	649-345-00-4	01-2120261965-45	
	Flam. Liq. 3, Skin Irrit. 2, STOT RE 1, Asp. Tox. 1, Aquatic Chronic 3; H226 H315 H372 H304 H412			
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			15-25 %
	920-750-0		01-2119473851-33	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066			
2807-30-9	2-(propyloxy)ethanol; EGPE			1-5 %
	220-548-6	603-095-00-2		
	Flam. Liq. 3, Acute Tox. 4, Eye Irrit. 2; H226 H312 H319			
78-96-6	1-aminopropan-2-ol; isopropanolamine			<2,5 %
	201-162-7	603-082-00-1		
	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1; H312 H314 H318			
1336-21-6	ammonia			<2,5 %
	215-647-6	007-001-01-2		
	Skin Corr. 1B, Aquatic Acute 1; H314 H400			

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

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
2807-30-9	220-548-6	2-(propyloxy)ethanol; EGPE	1-5 %
	dermal: ATE = 1100 mg/kg		
78-96-6	201-162-7	1-aminopropan-2-ol; isopropanolamine	<2,5 %
	dermal: ATE = 1100 mg/kg; oral: LD50 = 2700 mg/kg		
1336-21-6	215-647-6	ammonia	<2,5 %
	STOT SE 3; H335: >= 5 - 100		

**Labelling for contents according to Regulation (EC) No 648/2004**

&gt;= 30 % aromatic hydrocarbons, 15 % - &lt; 30 % aliphatic hydrocarbons.

**Further Information**

stoddard solvent; Low boiling point naphtha - unspecified: Note P

The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301+P310-P331 shall apply.

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

Take off immediately all contaminated clothing. Call a physician immediately.

**After inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

Do NOT induce vomiting.

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#### After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs: Get medical advice/attention.

#### 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, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately. Aspiration hazard.  
Caution if victim vomits: Risk of aspiration!

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

May be fatal if swallowed and enters airways.

Already the smallest quantities that enter the lungs during ingestion or subsequent vomiting, can lead to pulmonary edema or pneumonia.

The following symptoms may occur: diarrhea. Nausea.

Causes skin irritation. Causes serious eye damage.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). BC powder. ABC powder. Use water spray jet to protect personnel and to cool endangered containers.

##### Unsuitable extinguishing media

High power water jet.

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

Flammable liquid and vapour. Concentrated vapours are heavier than air. Vapours may form explosive mixtures with air.

Closed containers may burst when pressure and temperature rise

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).

Irritating/poisonous gasses and vapours

#### 5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Do not allow to enter into surface water or drains. Contaminated fire-fighting water must be collected separately.

### SECTION 6: Accidental release measures

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

##### General advice

Do not breathe fume/gas/mist/vapours/spray. Provide adequate ventilation.

Keep away from sources of ignition - No smoking.

Use explosion-proof equipment. Use non-sparking tools.

Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

#### 6.2. Environmental precautions

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

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

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

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#### For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). (caution, fire hazard)

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

#### For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal precautions: refer to section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Do not breathe fume/gas/mist/vapours/spray. Provide adequate ventilation. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing.

Wear personal protection equipment.

##### Advice on protection against fire and explosion

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

Use explosion-proof equipment. Use non-sparking tools. Ground and bond container and receiving equipment.

##### Advice on general occupational hygiene

Change contaminated clothing. Take off immediately all contaminated clothing and wash it before reuse. Wash hands before breaks and after work. When using do not eat or drink. Avoid contact with skin, eyes and clothes.

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

##### Requirements for storage rooms and vessels

Store only in original container. Keep container tightly closed in a cool, well-ventilated place. Keep locked up.

storage temperature: 3,9°C -37,8°C

##### Further information on storage conditions

Keep away from heat.

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

Cleaning agent

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
8052-41-3	Stoddard solvent	100	573		TWA (8 h)	

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#### DNEL/DMEL values

CAS No	Substance			
DNEL type	Exposure route	Effect	Value	
8052-41-3	stoddard solvent; Low boiling point naphtha - unspecified			
Worker DNEL, long-term	inhalation	systemic	44 mg/m <sup>3</sup>	
Worker DNEL, acute	inhalation	systemic	55 mg/m <sup>3</sup>	
Worker DNEL, long-term	inhalation	local	44 mg/m <sup>3</sup>	
Worker DNEL, acute	inhalation	local	55 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	80 mg/kg bw/day	
Worker DNEL, acute	dermal	systemic	30 mg/kg bw/day	
Worker DNEL, long-term	dermal	local	7,56 mg/cm <sup>2</sup>	
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
Worker DNEL, long-term	inhalation	systemic	2035 mg/m <sup>3</sup>	
Worker DNEL, long-term	dermal	systemic	773	

#### PNEC values

CAS No	Substance	
Environmental compartment	Value	
8052-41-3	stoddard solvent; Low boiling point naphtha - unspecified	
Freshwater	0,14 mg/l	
Marine water	0,35 mg/l	
Freshwater sediment	1,14 mg/kg	
Marine sediment	0,14 mg/kg	

#### Additional advice on limit values

Currently there are no further exposure limits available.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Ensure adequate ventilation. Provide protection equipment (eye wash bottles, etc.).

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Tightly fitting safety glasses with side shields. (EN 166)

##### Hand protection

Wear suitable gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: plastic and rubber (Viton.) EN 374

The exact break-through time must be obtained from the manufacturer of the protective gloves and adhered to.

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.

##### Skin protection

Protective clothing.

##### Respiratory protection

In case of insufficient ventilation: Wear respiratory protection. (EN 143)

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## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	clear; amber
Odour:	like: Ammonia
Odour threshold:	5 ppm (Ammonia)

#### Test method

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	>100 °C
Flammability:	not determined
Lower explosion limits:	1,0 vol. %
Upper explosion limits:	8 vol. %
Flash point:	25,5 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH-Value:	10,3
Viscosity / kinematic:	No data available
Water solubility:	No data available
Partition coefficient n-octanol/water:	No data available
Vapour pressure: (at 37,8 °C)	226,666 hPa calculated.
Density:	No data available
Relative density:	0,789
Relative vapour density:	>1

### 9.2. Other information

#### Information with regard to physical hazard classes

Explosive properties	No data available
Self-ignition temperature	
Gas:	No data available
Oxidizing properties	
	No data available

#### Other safety characteristics

Sublimation point:	No data available
Softening point:	No data available
Pour point:	No data available
Viscosity / dynamic:	No data available

#### Further Information

VOC: 691,2 g/l (calculated.)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactivity under regular conditions.

### 10.2. Chemical stability

The product is stable under regular conditions.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

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**10.4. Conditions to avoid**

Avoid heat, sparks, open flames and other ignition sources. Electrostatic charges.

**10.5. Incompatible materials**

Oxidizing agents, strong. acid.

**10.6. Hazardous decomposition products**

Dangerous fire gases such as carbon monoxide or carbon dioxide may be produced

**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.

**ATEmix calculated**

ATE (dermal) 15714,3 mg/kg

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2807-30-9	2-(propyloxy)ethanol; EGPE				
	dermal	ATE mg/kg	1100		
78-96-6	1-aminopropan-2-ol; isopropanolamine				
	oral	LD50 mg/kg	2700	Rat	
	dermal	ATE mg/kg	1100		

**Irritation and corrosivity**

Causes skin irritation.

Causes serious eye damage.

**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.

**STOT-single exposure**

May cause drowsiness or dizziness. (Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)

**STOT-repeated exposure**

Repeated exposure may cause skin dryness or cracking. Causes damage to organs through prolonged or repeated exposure. (stoddard solvent; Low boiling point naphtha - unspecified)

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**11.2. Information on other hazards**
**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**SECTION 12: Ecological information**
**12.1. Toxicity**

Toxic to aquatic life with long lasting effects.



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics					
	Acute fish toxicity	LL50 mg/l	3-10	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EL50 mg/l	4,6-10	48 h	Daphnia	
78-96-6	1-aminopropan-2-ol; isopropanolamine					
	Acute fish toxicity	LC50 460 mg/l	220 -	96 h	Leuciscus idus	IUCLID
	Acute crustacea toxicity	EC50 mg/l	108,8	48 h	Daphnia	IUCLID

**12.2. Persistence and degradability**

No data available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
8052-41-3	stoddard solvent; Low boiling point naphtha - unspecified			
	OECD 301 B	63%	28	
	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
	OECD 301F	98	28	

**12.3. Bioaccumulative potential**

No data available.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
8052-41-3	stoddard solvent; Low boiling point naphtha - unspecified	5,01
78-96-6	1-aminopropan-2-ol; isopropanolamine	-0,96

**BCF**

CAS No	Chemical name	BCF	Species	Source
8052-41-3	stoddard solvent; Low boiling point naphtha - unspecified	39,66		

**12.4. Mobility in soil**

No data 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. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Disposal recommendations**

Disposal according to official regulations.

Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

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

040214 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES; wastes from the textile industry; wastes from finishing containing organic solvents; hazardous waste


**Contaminated packaging**

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

**SECTION 14: Transport information**

**Land transport (ADR/RID)**


**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (stoddard solvent; Low boiling point naphtha - unspecified, Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 274 601  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 Transport category: 3  
 Hazard No: 30  
 Tunnel restriction code: D/E

**Inland waterways transport (ADN)**


**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (stoddard solvent; Low boiling point naphtha - unspecified, Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 274 601  
 Limited quantity: 5 L  
 Excepted quantity: E1

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (stoddard solvent; Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Special Provisions: 223, 274, 955

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Limited quantity: 5 L  
 Excepted quantity: E1  
 EmS: F-E, S-E

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

**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (stoddard solvent; Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Special Provisions: A3  
 Limited quantity Passenger: 10 L  
 Passenger LQ: Y344  
 Excepted quantity: E1  
 IATA-packing instructions - Passenger: 355  
 IATA-max. quantity - Passenger: 60 L  
 IATA-packing instructions - Cargo: 366  
 IATA-max. quantity - Cargo: 220 L

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

#### 14.6. Special precautions for user

No special precautions known.

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

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, Entry 29, Entry 40, Entry 75

Information according to 2012/18/EU (SEVESO III): E2 Hazardous to the Aquatic Environment

Additional information: P5c

#### Additional information

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

Regulation (EC) No. 648/2004 [Detergents regulation]: applicable

Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

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#### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D): 2 - obviously hazardous to water

#### Additional information

Observe in addition any national regulations!

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

#### Changes

Version 2,00 - 18.06.2015

Version 3,00 - 04.12.2018

Version 4,00 - 16.08.2022 - Change and revision of the SDS because of new information / recipe

Version 5,00 - 17.04.2023 - changes in section 2.3,11

#### 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)

BImSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act

CAS: Chemical Abstracts Service

EC: Effective Concentration

EG: European Community (Europäische Gemeinschaft)

EN: European Norm

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

CLP: Classification, Labeling, Packaging

IUCLID: International Uniform Chemical Information Database

LC: Lethal concentration

LD: Lethal dose

log Kow: Octanol/water partition coefficient

MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships

OECD: Organisation for Economic Co-operation and Development

PBT: Persistent, bio-cumulative, toxic

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

TRGS: Technische Regeln für Gefahrstoffe

VOC: Volatile Organic Compounds

vPvB: very persistent and very bio-cumulative

VwVwS: Administrative Regulation for Water Pollutants

WGK: German Water Hazard Class

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

TLV: Threshold Limiting Value

STOT: Specific Target Organ Toxicity

AwSV: Ordinance on Installations for Handling Substances Hazardous to Water

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method
STOT SE 3; H336	Calculation method
STOT RE 1; H372	Calculation method
Aquatic Chronic 2; H411	Calculation method

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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