## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date of issue: 17/03/2011 Revision date: 15/05/2025 Supersedes version of: 31/03/2023 Version: 2.4

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

## **1.1. Product identifier**

Product form	: Mixture
Name	: Fehling A reagent
Trade name	: Fehling A reagent AGR
UFI	: 0C30-N075-V006-M0VE
Product code	: FEHL-A0A

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

## **Relevant identified uses**

Main use category

: Laboratory use

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

labbox labware s.l. Migjorn, 1 P.O. Box Barcelona (SPAIN) 08338 Premia de Dalt, SPAIN ES T +34 937 07 79 70, F +34 937 909 532 info@labbox.com, www.labbox.com

#### 1.4. Emergency telephone number

#### Emergency number

: +34 937 077 970 (For technical information\_Office Hours) In case of medical emergency phone 112 or to your local emergency number.

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]		
Serious eye damage/eye irritation, Category 1	H318	
Hazardous to the aquatic environment — Acute Hazard,	H400	
Category 1		
Hazardous to the aquatic environment — Chronic Hazard,	H411	
Category 2		
Full text of H and EUH statements: see section 16		

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



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Hazard statements (CLP)	: H318 - Causes serious eye damage. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	<ul> <li>H410 - Very toxic to aquatic life with long lasting effects.</li> <li>P273 - Avoid release to the environment.</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P310 - Immediately call a POISON CENTER or doctor.</li> <li>P391 - Collect spillage.</li> <li>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.</li> </ul>

## 2.3. Other hazards

PBT: not relevant - no registration required

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
copper sulphate pentahydrate	CAS-No.: 7758-99-8 EC-No.: 231-847-6 EC Index-No.: 029-023-00-4	3 – 24	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

Full text of H and EUH statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	<ul> <li>Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If experiencing respiratory symptoms: Call a poison center or a doctor.</li> </ul>
First-aid measures after skin contact	: Gently wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Go into open air and ventilate suspected area. Get medical advice/attention.
4.2. Most important symptoms and effects	s, both acute and delayed
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: Abdominal pain, nausea.

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

Never give anything by mouth to an unconscious person.

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SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Making extinguishing agents environment-friendly.	
5.2. Special hazards arising from the subst	tance or mixture	
Fire hazard Hazardous decomposition products in case of fire	: Non combustible. : fume.	
5.3. Advice for firefighters		
Precautionary measures fire Firefighting instructions Protection during firefighting	<ul> <li>Stop leak if safe to do so.</li> <li>Exercise caution when fighting any chemical fire.</li> <li>Do not enter fire area without proper protective equipment, including respiratory protection.</li> </ul>	
SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		

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For non-emergency personnel Emergency procedures	: Mechanically ventilate the spillage area.
For emergency responders	
Emergency procedures	: Stop leak if safe to do so.
6.2. Environmental precautions	
Prevent entry to sewers and public waters.	

# 6.3. Methods and material for containment and cleaning up For containment : Collect spillage. Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation. Other information : Dispose of materials or solid residues at an authorized site. 6.4. Reference to other sections

See Heading 8. For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including	g any incompatibilities
Storage conditions	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed.
Special rules on packaging	: Keep only in original container. Store in a closed container.
7.3. Specific end use(s)	

Laboratory chemicals.

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SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
National occupational exposure and biological limit	values	
Fehling A reagent AGR		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	0,2 mg/m³	
DNEL and PNEC		
Fehling A reagent AGR		
DNEL/DMEL (Workers)		
Acute - systemic effects, dermal	0,041 mg/kg bodyweight/day	
Acute - local effects, inhalation	0,082 mg/kg bw/day	
PNEC (Water)		
PNEC aqua (freshwater)	7,8 μg/L	
PNEC aqua (marine water)	5,2 µg/L	
PNEC (Sediment)		
PNEC sediment (freshwater)	8,7 mg/kg dwt	
PNEC sediment (marine water)	676 mg/kg dwt	
PNEC (Soil)		
PNEC soil	65,5 mg/kg dwt	

## 8.2. Exposure controls

#### Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

## Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure. EN 374. Personal protective equipment symbol(s):



Eye and face protection

Eye protection: Safety glasses

#### **Skin protection**

Skin and body protection: Wear suitable protective clothing

Hand protection: Protective gloves against chemicals (EN 374)

#### **Respiratory protection**

**Respiratory protection:** Dust formation: dust mask

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#### **Environmental exposure controls**

#### Environmental exposure controls:

#### Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product. The present safety data sheet is consistent with the specific conditions relied on to justify the registration of the substance in accordance with Article 17 or 18 of the REACH regulation. Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Colour	: Blue.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: 3,5 – 4,5 [5%, 20°C]
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 1 g/cm3 (20°C)
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable

No additional information available

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

**10.2. Chemical stability** 

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidizing materials.

**10.4. Conditions to avoid** 

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

**10.5. Incompatible materials** 

No additional information available

**10.6. Hazardous decomposition products** 

May liberate toxic gases.

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SECTION 11: Toxicological informati	on
11.1. Information on hazard classes as d	efined in Regulation (EC) No 1272/2008
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	<ul> <li>Not classified</li> <li>Not classified</li> <li>Not classified</li> </ul>
Fehling A reagent AGR	
LD50 oral rat	403 – 575 mg/kg
LD50 dermal rat	> 2000 mg/kg
Skin corrosion/irritation	: Not classified pH: 3,5 – 4,5 [5%, 20°C]
Serious eye damage/irritation	: Causes serious eye damage. pH: 3,5 – 4,5 [5%, 20°C]
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
11.2. Information on other hazards	
Endocrine disrupting properties Adverse health effects caused by endocrine disrupting properties	: Not applicable

SECTION 12: Ecological information	
12.1. Toxicity	
(acute)	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Fehling A reagent AGR	
EC50 - Daphnia [1]	18,9 µg/l
12.2. Persistence and degradability	
Fehling A reagent AGR	
Persistence and degradability	Rapidly degradable
copper sulphate pentahydrate (7758-99-8)	
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	

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12.5. Results of PBT and vPvB assessme	nt
Fehling A reagent AGR	
PBT: not relevant – no registration required	
12.6. Endocrine disrupting properties	
Adverse effects on the environment caused by endocrine disrupting properties	: Not applicable.
12.7. Other adverse effects	
Other adverse effects	: Do not discharge into drains or rivers.

SECTION 13: Disposal considerat	ions
13.1. Waste treatment methods	
Regional legislation (waste) Waste treatment methods European List of Waste (LoW) code	<ul> <li>Disposal must be done according to official regulations.</li> <li>Must follow special treatment according to local regulation.</li> <li>06 10 02* - wastes containing dangerous substances</li> </ul>

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number	
UN-No. (ADR)	: UN 3082
UN-No. (IMDG)	: UN 3082
UN-No. (IATA)	: UN 3082
UN-No. (ADN)	: UN 3082
UN-No. (RID)	: UN 3082
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR) (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper sulphate), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper sulphate), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Copper sulphate), 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper sulphate), 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper sulphate), 9, III
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: 9

Transport hazard class(es) (ADR) Danger labels (ADR)



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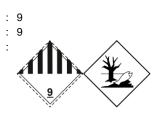


Transport hazard class(es) (IMDG) Danger labels (IMDG)



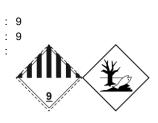
## ΙΑΤΑ

Transport hazard class(es) (IATA) Danger labels (IATA)



## ADN

Transport hazard class(es) (ADN) Danger labels (ADN)



## RID

Transport hazard class(es) (RID) Danger labels (RID)



14.4. Packing group	
Packing group (ADR)	: 111
Packing group (IMDG)	: III
Packing group (IATA)	: III
Packing group (ADN)	: III
Packing group (RID)	: 111
14.5. Environmental hazards	
Dangerous for the environment	: Yes
Marine pollutant	: Yes
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Other information	: No supplementary information available
44.0. Openial processitions for your	
14.6. Special precautions for user	
14.6. Special precautions for user           Overland transport	
	: M6
Overland transport	: M6 : 274, 335, 375, 601
Overland transport Classification code (ADR)	
Overland transport Classification code (ADR) Special provisions (ADR)	: 274, 335, 375, 601
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR)	: 274, 335, 375, 601 : 5l : E1 : P001, IBC03, LP01, R001
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR)	<ul> <li>274, 335, 375, 601</li> <li>5I</li> <li>E1</li> <li>P001, IBC03, LP01, R001</li> <li>PP1</li> </ul>
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR)	<ul> <li>274, 335, 375, 601</li> <li>5I</li> <li>E1</li> <li>P001, IBC03, LP01, R001</li> <li>PP1</li> <li>MP19</li> </ul>
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR)	<ul> <li>274, 335, 375, 601</li> <li>5I</li> <li>E1</li> <li>P001, IBC03, LP01, R001</li> <li>PP1</li> <li>MP19</li> <li>T4</li> </ul>
Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR)	<ul> <li>274, 335, 375, 601</li> <li>5I</li> <li>E1</li> <li>P001, IBC03, LP01, R001</li> <li>PP1</li> <li>MP19</li> </ul>

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Vahiala far tank anti-	: AT
Vehicle for tank carriage	
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading	: CV13
and handling (ADR)	
Hazard identification number (Kemler No.)	: 90
· · · · · · · · · · · · · · · · · · ·	
Orange plates	90 3082
	70
	2002
	3082
Tunnal restriction code (ADP)	
Tunnel restriction code (ADR)	
EAC code	: •3Z
Transport by sea	
Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
	: E1
Excepted quantities (IMDG)	
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
Stowage category (IMDG)	: A
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
	0
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L
Inland waterway transport	
Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0
Rail transport	
Classification code (RID)	: M6
Special provisions (RID)	
	: 274, 335, 375, 601
Limited quantities (RID)	: 5L
Limited quantities (RID) Excepted quantities (RID)	
Excepted quantities (RID)	: 5L
Excepted quantities (RID) Packing instructions (RID)	: 5L : E1 : P001, IBC03, LP01, R001
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29 : LGBV
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29 : LGBV : 3
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29 : LGBV : 3 : W12
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29 : LGBV : 3
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID)	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29 : LGBV : 3 : W12
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading	: 5L : E1 : P001, IBC03, LP01, R001 : PP1 : MP19 : T4 : TP1, TP29 : LGBV : 3 : W12
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading and handling (RID) Colis express (express parcels) (RID)	<ul> <li>: 5L</li> <li>: E1</li> <li>: P001, IBC03, LP01, R001</li> <li>: PP1</li> <li>: MP19</li> <li>: T4</li> <li>: TP1, TP29</li> <li>: LGBV</li> <li>: 3</li> <li>: W12</li> <li>: CW13, CW31</li> </ul>
Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID) Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading and handling (RID)	<ul> <li>: 5L</li> <li>: E1</li> <li>: P001, IBC03, LP01, R001</li> <li>: PP1</li> <li>: MP19</li> <li>: T4</li> <li>: TP1, TP29</li> <li>: LGBV</li> <li>: 3</li> <li>: W12</li> <li>: CW13, CW31</li> <li>: CE8</li> </ul>

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## 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-Regulations**

#### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3.	Fehling A reagent AGR
3(b)	Fehling A reagent AGR
3(c)	Fehling A reagent AGR

#### **REACH Annex XIV (Authorisation List)**

Contains no REACH Annex XIV substances

## REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### **Drug Precursors Regulation (273/2004)**

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

#### **National regulations**

#### Germany

Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	<ul> <li>WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).</li> <li>Is not subject of the Hazardous Incident Ordinance (12. BImSchV)</li> </ul>
Netherlands	
SZW-lijst van kankerverwekkende stoffen SZW-lijst van mutagene stoffen NIET-limitatieve lijst van voor de voortplanting	<ul> <li>None of the components are listed</li> <li>None of the components are listed</li> <li>None of the components are listed</li> </ul>
giftige stoffen – Borstvoeding	
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.