

according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 1 of 13

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

#### 1.1. Product identifier

Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

EC No: 202-046-9

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

## Use of the substance/mixture

Laboratory chemical

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

#### Uses advised against

Do not use for private purposes (household).

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

Company name: AnalytiChem GmbH
Street: Stempelstraße 6
Place: D-47167 Duisburg
Telephone: 0203/5194-0

Felephone: 0203/5194-0 Telefax: 0203/5194-290

E-mail: info@analytichem.de

Contact person: Abteilung Produktsicherheit Telephone: 0203/5194-107/117

E-mail: produktsicherheit@analytichem.de

Internet: www.analytichem.de

Responsible Department: Abteilung Produktsicherheit

1.4. Emergency telephone For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire,

<u>number:</u> Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada:

1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls

accepted)

## **Further Information**

This product is a mixture. REACH Registration Number see section 3.

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

## Regulation (EC) No 1272/2008

Flam. Liq. 3; H226 Acute Tox. 3; H331 Asp. Tox. 1; H304 Skin Corr. 1B; H314 Eye Dam. 1; H318 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

decahydronaphthalene

Signal word: Danger



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 2 of 13

#### Pictograms:











#### **Hazard statements**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.

H331 Toxic if inhaled.

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

smokina.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

### 2.3. Other hazards

No information available.

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

# 3.2. Mixtures

#### Relevant ingredients

| CAS No  | Chemical name   |          |                  |  |  |
|---------|---|----------|------------------|--|--|
|         | EC No   | Index No | REACH No         |  |  |
|         | Classification (Regulation (EC) No 1272/2008)   |          |                  |  |  |
| 91-17-8 | decahydronaphthalene  |          |                  |  |  |
|         | 202-046-9   |          | 01-2119565127-37 |  |  |
|         | Flam. Liq. 3, Acute Tox. 3, Skin Corr. 1B, Asp. Tox. 1, Aquatic Chronic 2; H226 H331 H314 H304 H411 |          |                  |  |  |

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

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

| CAS No  | EC No Chemical name  |                      |              |  |
|---------|--|----------------------|--------------|--|
|         | Specific Conc. Limits, M-factors and ATE   |                      |              |  |
| 91-17-8 | 202-046-9  | decahydronaphthalene | 95 - < 100 % |  |
|         | inhalation: LC50 = 710 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: LD50 = 5200 mg/kg; oral: LD50 = 4170 mg/kg |                      |              |  |

## **Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

Print date: 02.11.2023



## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 3 of 13

#### **General information**

Self-protection of the first aider

#### After inhalation

Provide fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Call a physician immediately.

#### After contact with skin

Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse.

Call a physician immediately.

## After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Remove contact lenses, if present and easy to do. Continue rinsing.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

(Aspiration hazard)

Do not allow a neutralisation agent to be drunk.

Call a physician immediately.

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

Irritant

corrosive

Dyspnoea

Cough

Dizziness

Unconsciousness

Anaesthetic state

Agitation

Gastrointestinal complaints

Vomiting

Headache

Spasms

Headache

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

No data available

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

## Suitable extinguishing media

Foam

Extinguishing powder

Carbon dioxide (CO2)

### Unsuitable extinguishing media

no restriction

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

Combustible liquid.

Hazardous combustion products

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

#### 5.3. Advice for firefighters

Print date: 02.11.2023



## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 4 of 13

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

In case of fire and/or explosion do not breathe fumes.

Avoid contact with skin, eyes and clothes.

#### **Additional information**

Danger of bursting container.

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

Suppress gases/vapours/mists with water spray jet.

Move undamaged containers from immediate hazard area if it can be done safely.

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

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

#### General advice

Keep away from sources of ignition - No smoking.

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

Take action to prevent static discharges.

## For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

Emergency procedures

Do not breathe dust/fume/gas/mist/vapours/spray.

## For emergency responders

Precautionary statements For emergency responders: Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Danger of explosion

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

## For containment

Cover drains

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

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

# For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

## Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

## 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

#### 7.1. Precautions for safe handling



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 5 of 13

#### Advice on safe handling

Avoid exposure - obtain special instructions before use.

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Keep container tightly closed.

Use personal protection equipment. Use extractor hood (laboratory).

Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink

## Further information on handling

Take off immediately all contaminated clothing and wash it before reuse.

Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

## Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## Further information on storage conditions

Keep cool. Protect from sunlight.

Store in a place accessible by authorized persons only.

Protect against: Light

### 7.3. Specific end use(s)

Laboratory chemicals

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

## 8.1. Control parameters

### **DNEL/DMEL values**

| CAS No                 | Substance              |                |          |                      |
|------------------------|------------------------|----------------|----------|----------------------|
| DNEL type              |                        | Exposure route | Effect   | Value                |
| 91-17-8                | decahydronaphthalene   |                |          |                      |
| Worker DNEL,           | Worker DNEL, long-term |                | systemic | 24 mg/m³             |
| Worker DNEL,           | Worker DNEL, acute     |                | systemic | 24 mg/m³             |
| Worker DNEL, long-term |                        | dermal         |          | 5,56 mg/kg<br>bw/day |
| Worker DNEL, acute     |                        | dermal         |          | 5,56 mg/kg<br>bw/day |



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 6 of 13

#### **PNEC values**

| CAS No   | Substance            |             |  |
|--|----------------------|-------------|--|
| Environment                                      | al compartment       | Value       |  |
| 91-17-8  | decahydronaphthalene |             |  |
| Freshwater 0 mg/l                                |                      | 0 mg/l      |  |
| Marine water                                     |                      | 0 mg/l      |  |
| Freshwater sediment                              |                      | 0,058 mg/kg |  |
| Marine sediment                                  |                      | 0,011 mg/kg |  |
| Micro-organisms in sewage treatment plants (STP) |                      | 10 mg/l     |  |
| Soil 0,012                                       |                      | 0,012 mg/kg |  |

#### 8.2. Exposure controls

#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

#### Eye/face protection

Suitable eye protection: goggles.

### Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

By long-term hand contact

Trade name/designation: KCL 890 Vitoject® Suitable material: FKM (fluoro rubber) 0,7 mm

Wearing time with occasional contact (splashes): >480 min

By short-term hand contact

Trade name/designation: KCL 730 Camatril® Velours Suitable material: NBR (Nitrile rubber) 0,4 mm

Wearing time with occasional contact (splashes): >30 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

#### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

## Respiratory protection

Respiratory protection necessary at: aerosol or mist formation

### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Danger of explosion



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 7 of 13

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

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

Physical state: Liquid Colour: clear

Odour: characteristic
Odour threshold: No data available

Melting point/freezing point:

Boiling point or initial boiling point and

189 °C

boiling range:

Flammability: not applicable

not applicable

Lower explosion limits: 0,7
Upper explosion limits: 4,9

Flash point: 57 °C
Auto-ignition temperature: ~255 °C
Decomposition temperature: No data available

pH-Value: No data available Viscosity / kinematic: No data available

Water solubility: 0,006 g/L

Solubility in other solvents

not determined

Dissolution rate:

Partition coefficient n-octanol/water:

Dispersion stability:

Vapour pressure:

No data available

No data available

No data available

1,3 hPa

(at 20 °C)

Vapour pressure:No data availableDensity:0,88 g/cm³Relative density:No data availableBulk density:No data availableRelative vapour density:not determinedParticle characteristics:No data available

## 9.2. Other information

### Information with regard to physical hazard classes

Explosive properties

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Sustaining combustion:

No data available

Self-ignition temperature

Solid: not applicable
Gas: not applicable

Oxidizing properties Not oxidising.

## Other safety characteristics

Evaporation rate:

Solvent separation test:

No data available
Solvent content:

No data available
Solid content:

No data available
Sublimation point:

No data available
Softening point:

No data available
Pour point:

No data available



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 8 of 13

No data available:

Viscosity / dynamic:

Flow time:

No data available

No data available

Further Information
No data available

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

#### 10.1. Reactivity

In case of warming:

Vapours may form explosive mixtures with air.

## 10.2. Chemical stability

Protect against: Light

## 10.3. Possibility of hazardous reactions

Oxidising agent

#### 10.4. Conditions to avoid

Heat

Light

## 10.5. Incompatible materials

No data available

## 10.6. Hazardous decomposition products

SECTION 5: Firefighting measures

## **Further information**

No data available

# SECTION 11: Toxicological information

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

## Toxicocinetics, metabolism and distribution

Avoid exposure - obtain special instructions before use.

## **Acute toxicity**

Toxic if inhaled.

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

## **ATEmix** calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) 3,000 mg/l; ATE (inhalation dust/mist) 0,5000 mg/l

| CAS No  | Chemical name           |               |          |         |  |  |  |
|---------|-------------------------|---------------|----------|---------|--|--|--|
|         | Exposure route          | Dose          |          | Species | Source   | Method                                   |  |
| 91-17-8 | decahydronaphthalene    |               |          |         |  |  |  |
|         | oral                    | LD50<br>mg/kg | 4170     | Rat     | Arch. Ind. Hyg.<br>Occup. Med. 4,<br>119-122 ( | Smyth HF Jr,<br>Carpenter CP             |  |
|         | dermal                  | LD50<br>mg/kg | 5200     | Rabbit  | Arch. Ind. Hyg.<br>Occup. Med. 4,<br>119-122 ( | Smyth HF Jr,<br>Carpenter CP             |  |
|         | inhalation (4 h) vapour | LC50          | 710 mg/l | Rat     | Acute Toxic Data 1,<br>215 (1978)              | Acute inhalation toxicity similar to OEC |  |
|         | inhalation dust/mist    | ATE           | 0,5 mg/l |         |  |  |  |



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 9 of 13

#### Irritation and corrosivity

Causes severe skin burns and eye damage.

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

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

## STOT-repeated exposure

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

#### **Aspiration hazard**

May be fatal if swallowed and enters airways.

Pulmonary oedema

Pneumonia

### Information on likely routes of exposure

No data available

#### Specific effects in experiment on an animal

No data available

## Additional information on tests

No data available

## **Practical experience**

No data available

## 11.2. Information on other hazards

## **Endocrine disrupting properties**

No data available

## Other information

Liver and kidney damage

## **Further information**

Irritant

corrosive

Dyspnoea

Cough

Dizziness

Unconsciousness

Anaesthetic state

Agitation

Gastrointestinal complaints

Vomiting

Headache

Spasms

Headache

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Print date: 02.11.2023



## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 10 of 13

| CAS No  | Chemical name            |               |        |           |                         |                        |                       |
|---------|--------------------------|---------------|--------|-----------|-------------------------|------------------------|-----------------------|
|         | Aquatic toxicity         | Dose          |        | [h]   [d] | Species                 | Source                 | Method                |
| 91-17-8 | decahydronaphthalene     |               |        |           |                         |                        |                       |
|         | Acute algae toxicity     | ErC50<br>mg/l | > 2,2  |           | Desmodesmus subspicatus | Study report<br>(1992) | EU Method C.3         |
|         | Acute crustacea toxicity | EC50<br>mg/l  | 0,286  | 48 h      | Daphnia magna           | Study report<br>(2015) | OECD Guideline<br>202 |
|         | Crustacea toxicity       | NOEC<br>mg/l  | 0,0567 | 21 d      | Daphnia magna           | Study report<br>(2018) | OECD Guideline<br>211 |

## 12.2. Persistence and degradability

3% 28d

Not readily biodegradable (according to OECD criteria)

#### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

| CAS No  | Chemical name        | Log Pow |
|---------|----------------------|---------|
| 91-17-8 | decahydronaphthalene | 4,2     |

#### **BCF**

| CAS No  | Chemical name        | BCF        | Species         | Source             |
|---------|----------------------|------------|-----------------|--------------------|
| 91-17-8 | decahydronaphthalene | 839 - 3050 | Cyprinus carpio | Publication (1992) |

## 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.

No data available

# 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.

No data available

## 12.7. Other adverse effects

Discharge into the environment must be avoided.

## **Further information**

Do not empty into drains.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

### **Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Do not mix with other wastes.

Do not empty into drains.

## Contaminated packaging

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

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

## **SECTION 14: Transport information**



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 11 of 13

14.1. UN number or ID number: UN 1147

14.2. UN proper shipping name: DECAHYDRONAPHTHALENES

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3Classification code:F1Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:30

Inland waterways transport (ADN)

Tunnel restriction code:

**14.1. UN number or ID number:** UN 1147

14.2. UN proper shipping name: DECAHYDRONAPHTHALENES

D/E

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3Classification code:F1Limited quantity:5 LExcepted quantity:E1

Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1147

14.2. UN proper shipping name: DECAHYDRONAPHTHALENE

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3Special Provisions:-Limited quantity:5 LExcepted quantity:E1EmS:F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1147

**14.2. UN proper shipping name:** DECAHYDRONAPHTHALENE

14.3. Transport hazard class(es):314.4. Packing group:IIIHazard label:3Limited quantity Passenger:10 LPassenger LQ:Y344Excepted quantity:E1

IATA-packing instructions - Passenger:355IATA-max. quantity - Passenger:60 LIATA-packing instructions - Cargo:366IATA-max. quantity - Cargo:220 L

14.5. Environmental hazards

FNVIRONMENTALLY HAZARDOUS: Yes

14.6. Special precautions for user

Warning: Combustible liquid.

14.7. Maritime transport in bulk according to IMO instruments

not applicable



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 12 of 13

#### **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 40

Information according to Directive

**H2 ACUTE TOXIC** 

2012/18/EU (SEVESO III):

Additional information: P5c, E2

**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.

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

Skin resorption/Sensitization: Permeates easily through outer skin and causes poisoning.

#### **SECTION 16: Other information**

#### Abbreviations and acronyms

Flam. Liq: Flammable liquid Acute Tox: Acute toxicity Asp. Tox: Aspiration hazard Skin Corr: Skin corrosion Eye Dam: Eye damage

Aquatic Chronic: Chronic aquatic hazard

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

## 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    |
| Acute Tox. 3; H331      | Calculation method       |
| Asp. Tox. 1; H304       | Calculation method       |
| Skin Corr. 1B; H314     | Calculation method       |
| Eye Dam. 1; H318        | Calculation method       |
| Aquatic Chronic 2; H411 | Calculation method       |

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

| H226 | Flammable liquid and vapour. |
|------|------------------------------|
|      |                              |

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H331 Toxic if inhaled.



according to Regulation (EC) No 1907/2006

# Solvent yellow 124 and solvent red 19 calibration solution 10 mg/l each in decahydronaphthaline for

Revision date: 02.11.2023 Product code: 27180 Page 13 of 13

H411

Toxic to aquatic life with long lasting effects.

# **Further Information**

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

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