

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Regulation (EU) n. 2020/878

Master item code: 102302B

Safety Data Sheet date: 15/7/2022, version 9

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

1.1. Product identifier

Trade name: SPC-201
SDS code: P50400
UFI: KSQN-17RY-0P41-V3GD

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

Recommended use:

Solvent

Industrial uses

Uses advised against:

No uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturers:

Socomore Canada Limited - Unit 204, 6741 Cariboo Road, Burnaby V3N 4A3, British Columbia, Canada / Email: csr-ca@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

Distributors:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59 59

International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

⚠ Warning, Acute Tox. 4, Harmful if inhaled.

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Warning

Hazard statements:

- H332 Harmful if inhaled.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P261 Avoid breathing vapours.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye/face protection.
- 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.
- P312 Call a POISON CENTER if you feel unwell.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

benzyl alcohol

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
$\geq 30\%$ - $< 40\%$	benzyl alcohol	Index number: CAS: EC: REACH No.: 603-057-00-5 100-51-6 202-859-9 01- 2119492630 -38	<ul style="list-style-type: none"> ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/2 Eye Irrit. 2 H319 Acute Toxicity Estimate: ATE - Oral 1620 mg/kg bw
$\geq 3\%$ -	HYDROCARBONS,	EC:	918-668-5 ⚠ 2.6/3 Flam. Liq. 3 H226

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SPC-201 - P50400

< 5%	C9, AROMATICS	REACH No.: 01- 2119455851 -35	<ul style="list-style-type: none"> ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 EUH066
>= 1% - < 3%	Propane-1,2-diol	CAS: 57-55-6 EC: 200-338-0 REACH No.: 01- 2119456809 -23	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
>= 0.5% - < 1%	mesitylene; 1,3,5-trimethylbenzene	Index number: 601-025-00-5 CAS: 108-67-8 EC: 203-604-4 REACH No.: 01- 2119463878 -19	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 4.1/C2 Aquatic Chronic 2 H411 Specific Concentration Limits: C >= 25%: STOT SE 3 H335
>= 0.3% - < 0.5%	2,2'-iminodiethanol; diethanolamine	Index number: 603-071-00-1 CAS: 111-42-2 EC: 203-868-0 REACH No.: 01- 2119488930 -28	<ul style="list-style-type: none"> ⚠ 3.7/2 Repr. 2 H361fd ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.1/4/Oral Acute Tox. 4 H302
>= 0.001% - < 0.1%	cumene	Index number: 601-024-00-X CAS: 98-82-8 EC: 202-704-5	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411
>= 0.001% - < 0.1%	ethylbenzene	Index number: 601-023-00-4 CAS: 100-41-4 EC: 202-849-4 REACH No.: 01- 2119489370 -35	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.9/2 STOT RE 2 H373 (hearing organs) ⚠ 3.10/1 Asp. Tox. 1 H304
>= 0.001% - < 0.1%	xylene	Index number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SPC-201 - P50400

		2119488216 -32	
>= 0.001% - < 0.1%	toluene	Index number: CAS: EC: REACH No.: 2119471310 -51	601-021-00-3 ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.7/2 Repr. 2 H361d ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.9/2 STOT RE 2 H373 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.8/3 STOT SE 3 H336
>= 0.001% - < 0.1%	benzene	Index number: CAS: EC:	601-020-00-8 ⚠ 2.6/2 Flam. Liq. 2 H225 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.6/1A Carc. 1A H350 ⚠ 3.5/1B Muta. 1B H340 ⚠ 3.9/1 STOT RE 1 H372 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.2/2 Skin Irrit. 2 H315

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

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

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

No particular treatment.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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

Wear personal protection equipment.

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

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

benzyl alcohol - CAS: 100-51-6

- OEL Type: National - TWA(8h): 22 mg/m³, 5 ppm - Notes: Germany - DFG, H, Y, 11

HYDROCARBONS, C9, AROMATICS

- OEL Type: National - TWA: 150 mg/m³ - Notes: aromatic vapor, FRANCE

Propane-1,2-diol - CAS: 57-55-6

- OEL Type: National - TWA: 10 mg/m³ - Behaviour: Binding - Notes: UK - EH40 WELs, Particulate

- OEL Type: National - TWA: 474 mg/m³, 150 ppm - Notes: UK - EH40 WELs, Total vapour and particulates

- OEL Type: National - TWA: 10 mg/m³ - Notes: Ireland ELV, Particulate

- OEL Type: National - TWA: 470 mg/m³, 150 ppm - Notes: Ireland, ELV, Total vapour and particulates

mesitylene; 1,3,5-trimethylbenzene - CAS: 108-67-8

- OEL Type: National - TWA(8h): 100 mg/m³ - Notes: Germany - DFG, EU, Y

- OEL Type: National - TWA(8h): 100 mg/m³, 20 ppm - STEL: 250 mg/m³, 50 ppm -

Notes: France VLEC (INRS -TMP N° 84)

- OEL Type: National - TWA(4h): 100 mg/m³, 20 ppm - Notes: France VLEI

- OEL Type: EU - TWA(8h): 100 mg/m³, 20 ppm

- OEL Type: ACGIH - TWA(8h): 25 ppm

- OEL Type: National - TWA: 100 mg/m³, 20 ppm - STEL(): 150 mg/m³, 30 ppm - Notes: Osterreich

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

- OEL Type: ACGIH - TWA(8h): 1 mg/m³ - Notes: (IFV), Skin, A3 - Liver and kidney dam

- OEL Type: National - TWA: 15 mg/m³, 3 ppm - Notes: France

- OEL Type: National - TWA(8h): 2 mg/m³, 0.46 ppm - Notes: Netherlands

- OEL Type: National - TWA(8h): 2 mg/m³, 0.46 ppm - Notes: Belgium

- OEL Type: National - TWA: 0.2 ppm - Notes: DOW IHG, skin

cumene - CAS: 98-82-8

- OEL Type: EU - TWA(8h): 50 mg/m³, 10 ppm - STEL: 250 mg/m³, 50 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: Eye, skin, and URT irr, CNS impair

- OEL Type: National - TWA(8h): 100 mg/m³, 20 ppm - STEL: 250 mg/m³, 50 ppm -

Behaviour: Binding - Notes: France, VLEPC / peau

ethylbenzene - CAS: 100-41-4

- OEL Type: National - TWA(8h): 88.4 mg/m³, 20 ppm - Notes: Germany - EU, H

- OEL Type: National - TWA(8h): 88.4 mg/m³, 20 ppm - STEL: 442 mg/m³, 100 ppm -

Notes: France VLEC - TMP N° 84

- OEL Type: National - TWA(8h): 441 mg/m³, 100 ppm - STEL: 552 mg/m³, 125 ppm -

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Notes: UK (WELs)

- OEL Type: EU - TWA(8h): 442 mg/m³, 100 ppm - STEL: 884 mg/m³, 200 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A3, BEI - URT irr, kidney dam (nephropathy), cochlear impair

- OEL Type: National - STEL: 220 mg/m³ - Notes: Swiss

- OEL Type: MAK - TWA: 440 mg/m³, 100 ppm - STEL(5 min (Mow)): 880 mg/m³, 200 ppm - Notes: Osterreich

xylene - CAS: 1330-20-7

- OEL Type: National - TWA(8h): 440 mg/m³ - Notes: Germany - DFG, H

- OEL Type: National - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: France VLEC - TMP N° 4Bis, 84

- OEL Type: EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin

- OEL Type: National - TWA(8h): 220 mg/m³, 50 ppm - STEL: 441 mg/m³, 100 ppm - Notes: UK (WELs)

- OEL Type: ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

- OEL Type: National - TWA: 307 mg/m³, 50 ppm - STEL(5 min (Mow)): 614 mg/m³, 100 ppm - Notes: Osterreich

toluene - CAS: 108-88-3

- OEL Type: National - TWA(8h): 190 mg/m³ - Notes: Germany - DFG, H, Y

- OEL Type: National - TWA(8h): 76.8 mg/m³, 20 ppm - STEL: 384 mg/m³, 100 ppm - Notes: France VLEC - TMP N° 4bis, 84

- OEL Type: EU - TWA(8h): 192 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: Skin

- OEL Type: National - TWA: 191 mg/m³, 50 ppm - STEL: 384 mg/m³, 100 ppm - Notes: UK (WELs)

- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - Visual impair, female repro, pregnancy loss

- OEL Type: National - TWA: 190 mg/m³, 50 ppm - STEL(15min (Miw)): 380 mg/m³, 100 ppm - Notes: Osterreich

benzene - CAS: 71-43-2

- OEL Type: EU - TWA(8h): 3.25 mg/m³, 1 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 0.5 ppm - STEL: 2.5 ppm - Notes: Skin, A1, BEI - Leukemia

DNEL Exposure Limit Values

benzyl alcohol - CAS: 100-51-6

Worker Industry: 40 mg/kg b.w./day - Consumer: 20 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Industry: 110 mg/m³ - Consumer: 27 mg/kg b.w./day - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 8 mg/kg b.w./day - Consumer: 4 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 22 mg/m³ - Consumer: 5.4 mg/m³ - Exposure: Human Inhalation -

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Frequency: Long Term, systemic effects

Consumer: 20 mg/kg b.w./day - Exposure: Human Oral - Frequency: Short Term, systemic effects

HYDROCARBONS, C9, AROMATICS

Worker Industry: 25 mg/kg b.w./day - Consumer: 11 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 150 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 11 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

Propane-1,2-diol - CAS: 57-55-6

Worker Industry: 168 mg/m³ - Consumer: 50 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 10 mg/m³ - Consumer: 10 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 213 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 85 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Worker Industry: 1 mg/m³ - Consumer: 0.25 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.13 mg/kg - Consumer: 0.07 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.06 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 33 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

ethylbenzene - CAS: 100-41-4

Worker Industry: 77 mg/m³ - Consumer: 15 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 180 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 293 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

toluene - CAS: 108-88-3

Worker Professional: 384 mg/m³

Worker Professional: 192 mg/m³

Worker Professional: 180 mg/m³

PNEC Exposure Limit Values

benzyl alcohol - CAS: 100-51-6

Target: Fresh Water - Value: 1 mg/l

Target: Marine water - Value: 0.1 mg/l

Target: PNEC01 - Value: 2.3 mg/l

Target: Soil - Value: 0.456 mg/kg

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Target: Freshwater sediments - Value: 5.27 mg/kg

Target: Marine water sediments - Value: 0.527 mg/kg

Target: Microorganisms in sewage treatments - Value: 39 mg/l

Propane-1,2-diol - CAS: 57-55-6

Target: Fresh Water - Value: 260 mg/l

Target: Marine water - Value: 26 mg/l

Target: Freshwater sediments - Value: 572 mg/kg dw

Target: Marine water sediments - Value: 57.2 mg/kg dw - Notes:: evaluation factor : 50

Target: Soil (agricultural) - Value: 50 mg/kg dw - Notes:: evaluation factor : 500

Target: Microorganisms in sewage treatments - Value: 20000 mg/l

Target: PNEC intermittent - Value: 183 mg/l - Notes:: evaluation factor -100

Target: PNEC Oral (foodstuff) - Value: 1133 mg/kg - Notes:: evaluation factor -30

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Target: Fresh Water - Value: 0.0022 mg/l

Target: Marine water - Value: 0.00022 mg/l

Target: Freshwater sediments - Value: 0.019 mg/kg

Target: Marine water sediments - Value: 0.0019 mg/kg

Target: Soil (agricultural) - Value: 0.00108 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Sporadic discharge - Value: 0.022 mg/l

ethylbenzene - CAS: 100-41-4

Target: Marine water - Value: 0.01 mg/l - Notes:: factor assessment : 10

Target: Marine water - Value: 0.1 mg/l - Notes:: factor assessment : 18

Target: PNEC predator - Value: 2.68 mg/kg - Notes:: ECHA

xylene - CAS: 1330-20-7

Target: Fresh Water - Value: 0.327 mg/l

Target: Marine water - Value: 0.327 mg/l

Target: Microorganisms in sewage treatments - Value: 6.58 mg/l

Target: Freshwater sediments - Value: 12.46 mg/kg dw

Target: Marine water sediments - Value: 12.46 mg/kg dw

Target: Soil (agricultural) - Value: 2.31 mg/kg dw

Target: PNEC intermittent - Value: 0.327 mg/l

Biological Exposure Index

xylene - CAS: 1330-20-7

Value: 1.5 g/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn - Remark: ACGIH BEL (2009)

Value: 1.5 mg/g - medium: Urinary creatinine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: Before turn - Remark: FR IBE (1997)

8.2. Exposure controls

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

Use closed fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Protection for hands:
 Suitable gloves type: NF EN374
 NBR (nitrile rubber).
 Respiratory protection:
 Mask with filter "A1" , brown colour (NF EN14387)
 Thermal Hazards:
 None
 Environmental exposure controls:
 None
 Appropriate engineering controls:
 None
 Other conditions affecting workers exposure:
 None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Green	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	100°C	--	water base
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	>100°C	ISO 2592	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	10	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	partially/ partiellement	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.03	ISO 649, ASTM D1298	--
Relative vapour density:	<1	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Evaporation rate:	<1	--	--
Viscosity:	5000-20000 CPS	--	--

Volatile Organic compounds - VOCs = 376 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

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

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

benzyl alcohol - CAS: 100-51-6

Acute toxicity:

Test: ATE - Route: Inhalation = 11 mg/l - Duration: 4h

ATE - Oral 1620 mg/kg bw

Test: LD50 - Route: Oral - Species: Rat (male) = 1620 mg/kg

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

ATE - Oral 1620 mg/kg bw

Test: ATE - Route: Oral = 1620 mg/kg

ATE - Oral 1620 mg/kg bw

Test: LD50 - Route: Oral - Species: Rat (Male, female) = 1620 mg/kg - Duration: 4h

ATE - Oral 1620 mg/kg bw

Carcinogenicity:

Route: Oral - Species: mouse (Male, female) = 400 mg/kg bw/day - Duration: 104 weeks -

Source: OECD 451

Reproductive toxicity:

Test: NOAEL - Route: Oral - Species: mouse (Male, female) = 200 mg/kg bw - Duration: 91 days

Test: NOAEL (fertility) - Route: Oral - Species: mouse (Male) = 800 mg/kg - Duration: 91 days

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 400 mg/kg bw - Duration: 91 days

Test: NOAEL (fertility) - Route: Oral - Species: Rat (Male, female) = 800 mg/kg bw - Duration: 91 days

Test: NOAEC - Route: Inhalation - Species: Rat (Male, female) = 1072 mg/m³ - Duration: 28 days - Source: OECD 412

Test: NOAEL (fertility) - Route: Inhalation - Species: Rat (Male, female) = 1072 mg/m³ - Duration: 28 days - Source: OECD 412

STOT-repeated exposure:

Test: NOAEC - Route: Inhalation (aerosol) - Species: Rat (Male, female) = 1072 mg/m³ - Duration: 28 days - Source: OECD 412

Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 400 mg/kg - Duration: 103 weeks, 5 days/week - Source: OECD 451

Test: NOAEC - Route: Inhalation (dust, mist) - Species: Rat (Male, female) = 1072 mg/m³ - Duration: 28 days - Source: OECD 412

HYDROCARBONS, C9, AROMATICS

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3492 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: mouse (Male, female) > 2000 mg/kg - Source: OECD 402

Test: LC50 - Route: Inhalation - Species: Rat (Male, female) > 2 mg/l - Duration: 4h - Source: OECD 403

Test: LC50 - Route: Inhalation - Species: Rat (Male, female) ≤ 10 mg/l - Duration: 4h - Source: OECD 403

Test: LC50 - Route: Inhalation - Species: Rat = 6193 mg/m³ - Duration: 4h - Source: OECD 403

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg - Source: OECD 402

Propane-1,2-diol - CAS: 57-55-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 22000 mg/kg bw

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg bw - Notes: 24h

Test: LC50 - Route: Inhalation - Species: Rabbit > 317 mg/l - Duration: 2h

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Carcinogenicity:

Test: NOAEC - Route: Inhalation - Species: Rat > 350 mg/m³
mesitylene; 1,3,5-trimethylbenzene - CAS: 108-67-8

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LD50 - Route: Oral - Species: Rat < 5000 mg/kg
2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 1600 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 12.970 mg/kg
Test: LC0 - Route: Inhalation - Species: Rat = 0.2 mg/l - Duration: 8h

Carcinogenicity:

Test: NOAEL - Route: Skin - Species: Rat = 32 mg/kg bw/day - Notes: 103 weeks, LOAEL
= 40 mg/kg bw/jour

Reproductive toxicity:

Test: NOAEC - Species: Rat = 300 mg/kg bw/day - Notes: daily weeks, fertility
Test: NOAEC - Species: Rat = 150 mg/kg bw/day - Notes: 6-15 days, development
Test: NOAEL - Species: Rat = 50 mg/l - Notes: 6-15 days, development

ethylbenzene - CAS: 100-41-4

Acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit = 4100 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 20 mg/l - Duration: 4h
Test: LCL0 - Route: Inhalation - Species: Rat = 4000 ppm - Duration: 4h

xylene - CAS: 1330-20-7

Acute toxicity:

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 6700 ppm - Duration: 4h
Test: LD50 - Route: Skin - Species: Rabbit > 4200 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg

toluene - CAS: 108-88-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

benzyl alcohol - CAS: 100-51-6

LD50 (RABBIT) SKIN SINGLE DOSE: 2000 MG/KG

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

Acute toxicity;
Skin corrosion/irritation;
Serious eye damage/irritation;
Respiratory or skin sensitisation;
Germ cell mutagenicity;

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Carcinogenicity;
Reproductive toxicity;
STOT-single exposure;
STOT-repeated exposure;
Aspiration hazard.

11.2. Information on other hazards

Endocrine disrupting properties:
No endocrine disruptor substances present in concentration $\geq 0.1\%$

Other toxicological information:

benzyl alcohol
Skin corrosion / irritation:
Severe eye irritation.
Skin irritation:
Slight irritating effect
Mutagenicity on germ cells (in vitro):
Positive without metabolic activation, OECD 476, Mouse (L5178Y lymphoma cell)
Positive with metabolic activation, Chinese Hamster Ovary (CHO)
-

2,2'-iminodiethanol; diethanolamine
Skin corrosion / irritation (rabbit):
Irritating effect
Severe eye injury/irritation (rabbit):
Irreversible damage
May cause liver damage in case of prolonged or repeated exposures.
-

xylene
Irritation and corrosion:
mild irritant, rabbit, 24 hours (exposure), 72 hours (observation)
Ingestion:
Ingestion may cause irritation of the digestive tract, nausea, vomiting and diarrhea, abdominal pain.
Harmful by inhalation.
Aspiration hazard: category 1

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

benzyl alcohol - CAS: 100-51-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 - Notes: Pimephales promelas/ EPA
OPP 72-1

Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48 - Notes: Daphnia magna, OECD

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

202

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 51 mg/l - Duration h: 504 - Notes: Daphnia magna, OECD 211

d) Terrestrial toxicity:

Endpoint: IC50 - Species: Microorganisms = 390 mg/kg - Duration h: 24 - Notes: ISO 8192; Nitrosomas

e) Plant toxicity:

Endpoint: NOEC - Species: Algae = 310 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata, OECD 201

Endpoint: EC50 - Species: Algae = 770 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata, OECD 201

HYDROCARBONS, C9, AROMATICS

a) Aquatic acute toxicity:

Endpoint: EL50

- Species: Algae = 2.6 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: EL50

- Species: Daphnia Magna = 3.2 mg/l - Duration h: 48 - Notes: OECD 202

Endpoint: LC50 - Species: Fish = 9.2 mg/l - Duration h: 96 - Notes: OECD 203, Oncorhynchus mykiss

Endpoint: ErL50 - Species: Algae = 2.9 mg/kg/d - Duration h: 72 - Notes: OECD 201, Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Microorganisms >= 99 mg/l - Duration h: 0.16 - Notes: OECD 209

b) Aquatic chronic toxicity:

Endpoint: NOAEL - Species: Daphnia = 2.14 mg/l - Duration h: 504

Endpoint: NOAEL - Species: Fish = 1.23 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss

Endpoint: NOEC - Species: Fish > 1 mg/l

Propane-1,2-diol - CAS: 57-55-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 40613 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Daphnia = 18340 mg/l - Duration h: 48 - Notes: Ceriodaphnia dubia

Endpoint: EC50 - Species: Algae = 19000 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: bacteria = 20000 mg/l - Duration h: 18 - Notes: Pseudomonas putida

Endpoint: LC50 - Species: Daphnia = 18800 mg/l - Duration h: 96 - Notes: Americamysis bahia

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 13020 mg/l - Duration h: 168 - Notes: Ceriodaphnia dubia

Endpoint: ChV - Species: Fish = 2500 mg/l - Notes: 10 days, Corophium volutator

Endpoint: LC50 - Species: Sedimentary organisms = 6983 mg/l - Notes: 28 days, OCDE 301F

mesitylene; 1,3,5-trimethylbenzene - CAS: 108-67-8

a) Aquatic acute toxicity:

Endpoint: LL50

- Species: Fish > 1 mg/l - Notes: LL/EL/IL50

Endpoint: LL50

- Species: Daphnia > 1 mg/l - Notes: LL/EL/IL50

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Endpoint: LL50

- Species: Algae > 1 mg/l - Notes: LL/EL/IL50

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l

c) Bacteria toxicity:

Endpoint: LL50

- Species: bacteria > 100 mg/l - Notes: LL/EL/IL50

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1460 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia = 55 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.2 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Daphnia = 0.78 mg/l - Duration h: 504 - Notes: LOEC : 1,56 mg/l

Endpoint: EC10 - Species: Microorganisms > 1000 mg/l - Duration h: 0.5

ethylbenzene - CAS: 100-41-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 1.37 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia < 4.4 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l

xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Daphnia = 1.17 mg/l - Duration h: 168 - Notes: Daphnia - Ceriodaphnia dubia

Endpoint: EC50 - Species: Algae = 4.36 mg/l - Duration h: 73

Endpoint: EC50 - Species: Daphnia = 90 mg/l - Duration h: 48 - Notes: Cypris subglobosa, intoxication

Species: Daphnia = 1 mg/l - Duration h: 24 - Notes: IC50

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1.3 mg/l - Duration h: 1344

toluene - CAS: 108-88-3

a) Aquatic acute toxicity:

Endpoint: LL50

- Species: Fish > 1 mg/l - Notes: LL/EL/IL50

Endpoint: LL50

- Species: Daphnia > 1 mg/l - Notes: LL/EL/IL50

Endpoint: LL50

- Species: Algae > 1 mg/l - Notes: LL/EL/IL50

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l

c) Bacteria toxicity:

Endpoint: LL50

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

- Species: bacteria > 100 mg/l - Notes: LL/EL/IL50

12.2. Persistence and degradability

benzyl alcohol - CAS: 100-51-6

Biodegradability: Biodegradation in water - Test: OECD 301C - Duration: 14 days - %: 92-96 -

Notes: OECD 301C

HYDROCARBONS, C9, AROMATICS

Biodegradability: Biodegradation in water - Test: OECD 301F - Duration: 28 days - %: 78%

Propane-1,2-diol - CAS: 57-55-6

Biodegradability: Biodegradation in water - Duration: 28 days - %: 81.7 - Notes: OCDE, 301F

Biodegradability: Biodegradation (soil) - Duration: 105 days - %: 98

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 93

12.3. Bioaccumulative potential

benzyl alcohol - CAS: 100-51-6

BCF 1.37 l/kg

Log Kow 1.05 - Notes: 20°C

Propane-1,2-diol - CAS: 57-55-6

BCF 0.09

Log Pow -1.07

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Log Pow -2.18

ethylbenzene - CAS: 100-41-4

Log Kow 3.15

xylene - CAS: 1330-20-7

Low bioconcentration potential

Log Pow 3.12

BCF 8.1 - 25.9

12.4. Mobility in soil

benzyl alcohol - CAS: 100-51-6

Log Koc 15.7

Volality (H: Henry's Law Constant) 0.0879 Pa.m³/mol

2,2'-iminodiethanol; diethanolamine - CAS: 111-42-2

Log Koc 0 or -1.1472

Volality (H: Henry's Law Constant) 0.000004 Pa.m³/mol - Notes: 25°C

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

14 06 03* Other solvents and solvent mixtures

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for user

N.A.

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

Restriction 3

Restrictions related to the substances contained:

Restriction 5

Restriction 28

Restriction 29

Restriction 40

Restriction 48

Restriction 72

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

N.A.

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H332 Harmful if inhaled.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H225 Highly flammable liquid and vapour.
H373 (hearing organs) May cause damage to organs (hearing organs) through prolonged or repeated exposure.
H312 Harmful in contact with skin.
H361d Suspected of damaging the unborn child.
H412 Harmful to aquatic life with long lasting effects.
H350 May cause cancer.
H340 May cause genetic defects.
H372 Causes damage to organs through prolonged or repeated exposure.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Muta. 1B	3.5/1B	Germ cell mutagenicity, Category 1B
Carc. 1A	3.6/1A	Carcinogenicity, Category 1A
Repr. 2	3.7/2	Reproductive toxicity, Category 2

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 1	3.9/1	Specific target organ toxicity - repeated exposure, Category 1
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Acute Tox. 4, H332	Calculation method
Eye Irrit. 2, H319	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document outside of this framework without our written consent is strictly forbidden.

SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

The information contained herein is based on our state of knowledge at the above-specified date. It

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SPC-201 - P50400

refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.