

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

SOCOCEL PART FTA

Regulation (EU) n. 2020/878

Safety Data Sheet dated 10/1/2022, version 7

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

1.1. Product identifier

Trade name: SOCOCEL PART FTA
SDS code: P14113
UFI: V0XT-DNV2-T91E-3V8M

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

Recommended use:

Paint/Coating

Industrial uses

Uses advised against:

No uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturers:

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

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, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Danger, Skin Corr. 1, Causes severe skin burns and eye damage.
- ⚠ Danger, Eye Dam. 1, Causes serious eye damage.

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))

SOCOGEL PART FTA



Danger

Hazard statements:

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/clothing and eye/face protection.

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.

P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

propan-1-ol; n-propanol

acetic acid ... %

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
$\geq 10\%$ - $< 12.5\%$	ZIRCONIUM TETRAPROPANOLATE	CAS: 23519-77-9 EC: 245-711-9	2.6/3 Flam. Liq. 3 H226 3.1/4/Inhal Acute Tox. 4 H332 3.3/2 Eye Irrit. 2 H319 3.2/2 Skin Irrit. 2 H315
$\geq 5\%$ - $< 7\%$	acetic acid ... %	Index number: 607-002-00-6	2.6/3 Flam. Liq. 3 H226 3.2/1A Skin Corr. 1A H314

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

SOCOGEL PART FTA

		CAS: 64-19-7 EC: 200-580-7 REACH No.: 01-2119475328-30	Specific Concentration Limits: C >= 90%: Skin Corr. 1A H314 25% <= C < 90%: Skin Corr. 1B H314 10% <= C < 25%: Skin Irrit. 2 H315 10% <= C < 25%: Eye Irrit. 2 H319
>= 3% - < 5%	propan-1-ol; n-propanol	Index number: 603-003-00-0 CAS: 71-23-8 EC: 200-746-9	◆ 2.6/2 Flam. Liq. 2 H225 ◆ 3.3/1 Eye Dam. 1 H318 ◆ 3.8/3 STOT SE 3 H336

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.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

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:

Remove casualty to fresh air and keep warm and at rest.

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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire, use a CO2 fire extinguisher to extinguish.

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.

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

SOCOGEL PART FTA

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.

Remove all sources of ignition.

Remove persons to safety.

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.

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

Always keep in a well ventilated place.

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

SOCOGEL PART FTA

Occupational exposure limit values

ZIRCONIUM TETRAPROPANOLATE - CAS: 23519-77-9

- OEL Type: ACGIH - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: US
- OEL Type: Alberta - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: CANADA
- OEL Type: British Columbia - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: CANADA
- OEL Type: Ontario - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: CANADA
- OEL Type: Québec - TWA: 5 mg/m³ - STEL: 10 mg/m³ - Notes: CANADA

acetic acid ... % - CAS: 64-19-7

- OEL Type: Alberta - TWA: 25 mg/m³, 10 ppm - STEL: 37 mg/m³, 15 ppm - Notes: CANADA
- OEL Type: British Columbia - TWA: 10 ppm - STEL: 15 ppm - Notes: CANADA
- OEL Type: Québec - TWA: 25 mg/m³, 10 ppm - STEL: 37 mg/m³, 15 ppm - Notes: CANADA
- OEL Type: Ontario - TWA: 25 mg/m³, 10 ppm - STEL: 37 mg/m³, 15 ppm - Notes: CANADA
- OEL Type: EU - TWA(8h): 25 mg/m³, 10 ppm - STEL: 50 mg/m³, 20 ppm
- OEL Type: ACGIH - TWA(8h): 10 ppm - STEL: 15 ppm - Notes: URT and eye irr, pulm func
- OEL Type: National - TWA(8h): 25 mg/m³, 10 ppm - STEL: 50 mg/m³, 20 ppm - Notes: INRS France VLEI
- OEL Type: National - TWA: 25 mg/m³, 10 ppm - STEL(5 min (Mow)): 50 mg/m³, 20 ppm
- Notes: Österreich

propan-1-ol; n-propanol - CAS: 71-23-8

- OEL Type: Alberta - TWA: 495 mg/m³, 200 ppm - STEL: 984 mg/m³, 400 ppm - Notes: CANADA
- OEL Type: British Columbia - TWA: 100 ppm - Notes: CANADA
- OEL Type: Ontario - TWA: 100 ppm - STEL: 615 mg/m³, 250 ppm - Notes: CANADA
- OEL Type: Québec - TWA: 492 mg/m³, 200 ppm - STEL: 614 mg/m³, 250 ppm - Notes: CANADA
- OEL Type: ACGIH - TWA(8h): 100 ppm - Notes: A4 - Eye and URT irr

DNEL Exposure Limit Values

ZIRCONIUM TETRAPROPANOLATE - CAS: 23519-77-9

Worker Industry: 103 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

acetic acid ... % - CAS: 64-19-7

Worker Professional: 25 mg/m³ - Consumer: 25 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 25 mg/m³ - Consumer: 25 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Frequency: Long Term (repeated)

PNEC Exposure Limit Values

ZIRCONIUM TETRAPROPANOLATE - CAS: 23519-77-9

Target: Fresh Water - Value: 1.15 mg/l

Target: Marine water - Value: 0.115 mg/l

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

SOCOGEL PART FTA

Target: Sewage treatment plant - Value: 96 mg/l
 Target: Freshwater sediments - Value: 1.007 mg/kg
 Target: Marine water sediments - Value: 0.1 mg/kg
 acetic acid ... % - CAS: 64-19-7
 Target: Marine water sediments - Value: 1.136 mg/kg
 Target: Freshwater sediments - Value: 11.36 mg/kg
 Target: Marine water - Value: 0.3058 mg/l
 Target: Fresh Water - Value: 3.058 mg/l
 Target: Soil (agricultural) - Value: 0.478 mg/kg
 Target: Microorganisms in sewage treatments - Value: 85 mg/l
 Target: PNEC intermittent - Value: 30.58 mg/l

Biological Exposure Index
 N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Face protection shield. (EN 166)

Protection for skin:

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

Protection for hands:

Suitable gloves type: NF EN374

NBR (nitrile rubber).

Respiratory protection:

Not needed for normal use.

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:	Light yellow	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	100 °C	--	--

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

SOCOGEL PART FTA

Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.A.	--	77.7% water
Flash point (°C):	58 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	3.3	--	--
Kinematic viscosity:	<= 14 mm ² / sec (40 °C)	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	>2.94 kPa, 25 °C	--	calculated with w%
Density and/or relative density:	1.025	--	--
Relative vapour density:	<1.908	--	calculated with w%
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

Volatile Organic compounds - VOCs = 12.5 %

Volatile Organic compounds - VOCs = 60 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

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

SOCOGEL PART FTA

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

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:

acetic acid ... % - CAS: 64-19-7

Acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 4960 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 3530 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 3310 mg/kg - Duration: 4h

Test: LC50 - Route: Inhalation - Species: Mouse > 16000 ppm - Duration: 1h

Test: LC50 - Route: Inhalation - Species: Mouse = 5620 ppm - Duration: 1h

Test: LC50 - Route: Inhalation - Species: Rat = 40 mg/l - Duration: 4h

Skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit 3.3 %

Test: Skin Irritant - Route: Skin - Species: Rabbit 10 %

Serious eye damage/irritation:

Test: Eye Irritant - Route: Skin - Species: Rabbit 0.1 ml/l

Test: Eye Irritant - Route: Skin - Species: Mouse 0.01 ml/l

propan-1-ol; n-propanol - CAS: 71-23-8

Acute toxicity:

Test: LD50 - Route: Inhalation Vapour - Species: Rat = 590 mg/kg

Test: LD50 - Route: Oral - Species: Rat = 1870 mg/kg bw

Test: LD50 - Route: Skin - Species: Rabbit = 4032 mg/kg bw

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;

Carcinogenicity;

Reproductive toxicity;

STOT-single exposure;

STOT-repeated exposure;

Aspiration hazard.

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

SOCOCEL PART FTA

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

Other toxicological information:

acetic acid ... %

RD 50 - Inhalation vapours, mouse, 277 ppm, 1h

Skin contact:

Corrosive

Eye contact:

Corrosive

-

propan-1-ol; n-propanol

Skin irritation:

Slight irritating effect

Eye irritation:

Highly irritating + risk of serious eye disease

SECTION 12: Ecological information

12.1. Toxicity

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

acetic acid ... % - CAS: 64-19-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 300.82 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 300.82 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 75 mg/l - Duration h: 96 - Notes: Lepomis macrochirus

Endpoint: NOEC - Species: Algae = 300.82 mg/l - Duration h: 72

c) Bacteria toxicity:

Endpoint: NOEC - Species: bacteria = 850 mg/l - Duration h: 16

Endpoint: EC10 - Species: bacteria = 1000 mg/l - Duration h: 0.5 - Notes: Pseudomonas putida

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

acetic acid ... % - CAS: 64-19-7

Water miscible - Notes: 100%

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 $\geq 0.1\%$

12.7. Other adverse effects

No harmful effects expected.

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

SOCOCEL PART FTA

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. 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):

08 01 11* wastes of paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 3470
IATA-UN Number: 3470
IMDG-UN Number: 3470

14.2. UN proper shipping name

ADR-Shipping Name: PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE
IATA-Shipping Name: PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE
IMDG-Shipping Name: PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE

14.3. Transport hazard class(es)

ADR-Class: 8
ADR - Hazard identification number: 83
IATA-Class: 8
IATA-Label: 8 + 3
IMDG-Class: 8

14.4. Packing group

ADR-Packing Group: II
IATA-Packing group: II
IMDG-Packing group: II

14.5. Environmental hazards

ADR-Environmental Pollutant: No
IMDG-Marine pollutant: No
IMDG-EmS: F-E , S-C

14.6. Special precautions for user

ADR-Subsidiary hazards: 3
ADR-S.P.: 163 367
ADR-Transport category (Tunnel restriction code): 2 (D/E)
IATA-Passenger Aircraft: 851
IATA-Subsidiary hazards: 3
IATA-Cargo Aircraft: 855
IATA-S.P.: A72 A192
IATA-ERG: 8F
IMDG-Subsidiary hazards: 3
IMDG-Stowage and handling: Category B SW2
IMDG-Segregation: -
Q.L.: 1L

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

SOCOGEL PART FTA

Q.E.: E2

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:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

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.

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

SOCOGEL PART FTA

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

Product belongs to category: P5c

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:

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H314 Causes severe skin burns and eye damage.

H225 Highly flammable liquid and vapour.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

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/Inhal	Acute toxicity (inhalation), Category 4
Skin Corr. 1	3.2/1	Skin corrosion, Category 1
Skin Corr. 1A	3.2/1A	Skin corrosion, Category 1A
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

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

SOCOGEL PART FTA

Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

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
Flam. Liq. 3, H226	On basis of test data
Skin Corr. 1, H314	Calculation method
Eye Dam. 1, H318	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 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

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

SOCOGEL PART FTA

	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.