Safety Data Sheet
SOCOGLAZE PT-522 ZC YL Bulk

Safety Data Sheet date: 12/21/2022, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:
Trade name: SOCOGLAZE PT-522 ZC YL Bulk
Other means of identification:
SDS code: 101814-003

Recommended use of the chemical and restrictions on use

Recommended use:
Restrictions on use:

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Manufacturers:
Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Distributors:
Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405
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

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number:

CHEMTEL: +1-813-248-0585 (International); 1-800-255-3924 (USA); CANUTEC: 1-613-996-6666 (CANADA)
Socomore Canada Limited - +1-604-420-7707 (Monday-Friday; 7:30 am - 5:00 pm)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical


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


Danger, Flam. Liq. 2, Highly flammable liquid and vapour.


Warning, Skin Sens. 1, May cause an allergic skin reaction.


Danger, Carc. 1A, May cause cancer.


Warning, STOT SE 3, May cause drowsiness or dizziness.


Warning, Aquatic Acute 1, Very toxic to aquatic life.


Warning, Aquatic Chronic 1, Very toxic to aquatic life with long lasting effects.

Label elements

Hazard pictograms:

Danger

Hazard statements:

H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H350 May cause cancer.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash ... Thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water/...
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.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER/doctor/... if you feel unwell.
P321 Specific treatment (see ... On this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 30% - < 40% ZINC CHROMATE PIGMENT Y-952 BULK

CAS: 37300-23-5

 A.6/1A Carc. 1A H350


US-HAE/A1 Aquatic Acute 1 H400


US-HAE/C1 Aquatic Chronic 1 H410

>= 15% - < 20% acetone; propan-2-one; propanone
REACH No.: 01-2119471330-49, Index number: 606-001-00-8, CAS: 67-64-1, EC: 200-662-2


B.6/2 Flam. Liq. 2 H225


A.3/2A Eye Irrit. 2A H319


A.8/3 STOT SE 3 H336

>= 5% - < 7% xylene
REACH No.: 01-2119488216-32, Index number: 601-022-00-9, CAS: 1330-20-7, EC: 215-535-7


B.6/3 Flam. Liq. 3 H226


A.2/2 Skin Irrit. 2 H315


A.1/4/Dermal Acute Tox. 4 H312


A.1/4/Inhal Acute Tox. 4 H332

>= 3% - < 5% n-butyl acetate
REACH No.: 01-2119485493-29, Index number: 607-025-00-1, CAS: 123-86-4, EC: 204-658-1


B.6/3 Flam. Liq. 3 H226


A.8/3 STOT SE 3 H336

>= 3% - < 5% butanone; ethyl methyl ketone
REACH No.: 01-2119457290-43, Index number: 606-002-00-3, CAS: 78-93-3, EC: 201-159-0


A.2/2 Skin Irrit. 2 H315


B.6/2 Flam. Liq. 2 H225


A.3/2A Eye Irrit. 2A H319


A.8/3 STOT SE 3 H336

>= 1% - < 3% ethylbenzene
Index number: 601-023-00-4, CAS: 100-41-4, EC: 202-849-4


B.6/2 Flam. Liq. 2 H225


A.1/4/Inhal Acute Tox. 4 H332

>= 0.3% - < 0.5% N-(3-(trimethoxysilyl)propyl)ethylenediamine
CAS: 1760-24-3, EC: 217-164-6


A.1/4/Inhal Acute Tox. 4 H332

US-HAE/A3 Aquatic Acute 3 H402


A.4.2/1 Skin Sens. 1 H317


A.3/1 Eye Dam. 1 H318

>= 0.1% - < 0.25% butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime
Index number: 616-014-00-0, CAS: 96-29-7, EC: 202-496-6


A.6/2 Carc. 2 H351

B.6/4 Flam. Liq. 4 H227


A.3/1 Eye Dam. 1 H318


A.4.2/1 Skin Sens. 1 H317


A.1/4/Dermal Acute Tox. 4 H312

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:
Immediately take off all contaminated clothing.
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 opthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:
Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed
None

Indication of 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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

CO_2 or Dry chemical fire extinguisher.

Unsuitable extinguishing media

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: **N.A.**

Oxidizing properties: **N.A.**

Special protective equipment and precautions for fire-fighters

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.

6. ACCIDENTAL RELEASE MEASURES

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.

Methods and materials for containment and cleaning up

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Exercise the greatest care when handling or opening the container.
Do not use on extensive surface areas in premises where there are occupants.
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:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, 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.
Storage temperature:
Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

acetone; propan-2-one; propanone - CAS: 67-64-1

- OEL Type: National - TWA(8h): 1200 mg/m3 - Notes: Germany - Notes DFG
- OEL Type: National - TWA(8h): 1210 mg/m3, 500 ppm - STEL: 2420 mg/m3, 1000 ppm - Notes: France VLEC - TMP N? 84
- OEL Type: EU - TWA(8h): 1210 mg/m3, 500 ppm
- OEL Type: ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair
- OEL Type: National - TWA: 1200 mg/m3, 500 ppm - STEL(15'): 4800 mg/m3, 2000 ppm - Notes: Ostereich
- OEL Type: National - TWA(8h): 1210 mg/m3, 500 ppm - STEL(): 3620 mg/m3, 1500 ppm - Notes: United Kingdom

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): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair
- OEL Type: National - TWA: 307 mg/m3, 50 ppm - STEL(5 min (Mow)): 614 mg/m3, 100 ppm - Notes: Osterreich

n-butyl acetate - CAS: 123-86-4

- OEL Type: National - TWA: 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm - Behaviour: Binding - Notes: France, VLEPC
- OEL Type: National - TWA: 150 ppm - STEL: 200 ppm - Notes: United Kingdom
- OEL Type: National - TWA(8h): 300 mg/m3, 62 ppm - Notes: Germany
- OEL Type: ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
- OEL Type: National - TWA(8h): 238 mg/m3, 50 ppm - STEL: 712 mg/m3, 150 ppm - Notes: BELGIQUE
- OEL Type: National - TWA(8h): 480 mg/m3, 99 ppm - Notes: PAYS-BAS
- OEL Type: National - TWA: 480 mg/m3, 100 ppm - STEL(Mow): 480 mg/m3, 100 ppm - Notes: Osterreich
- OEL Type: EU - TWA(8h): 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm

butanone; ethyl methyl ketone - CAS: 78-93-3

- OEL Type: National - TWA: 600 mg/m3, 200 ppm - STEL: 900 mg/m3, 300 ppm - Notes: France VLEC
- OEL Type: EU - TWA(8h): 600 mg/m3, 200 ppm - STEL: 900 mg/m3, 300 ppm
- OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr, CNS and PNS impair
- OEL Type: National - TWA: 600 mg/m3, 200 ppm - Notes: AGW, Germany
- OEL Type: MAK - TWA: 295 mg/m3, 100 ppm - STEL(30min (Miw)): 590 mg/m3, 200 ppm - Notes: Osterreich

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 - 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: OTO; A3, BEI - URT & eye irr; ototoxicity; kidney eff; CNS impair
- OEL Type: National - STEL: 220 mg/m3 - Notes: Swiss

DNEL Exposure Limit Values

acetone; propan-2-one; propanone - CAS: 67-64-1
Worker Industry: 2420 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects - Notes: 1h
Worker Industry: 186 mg/kg - Consumer: 62 mg/kg - Exposure: Human Dermal - Frequency: Short Term (acute) - Notes: 8h for workers, 24h for consumer
Worker Industry: 1210 mg/m3 - Consumer: 200 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term (acute) - Notes: 24h for consumer
Consumer: 62 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)
Worker Industry: 500 ppm - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
n-butyl acetate - CAS: 123-86-4
Worker Industry: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Industry: 600 mg/m3 - Consumer: 300 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 11 mg/kg - Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects
Worker Industry: 600 mg/m3 - Consumer: 300 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Industry: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Industry: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects
butanone; ethyl methyl ketone - CAS: 78-93-3
Worker Industry: 1161 mg/kg - Consumer: 412 mg/kg - Exposure: Human Dermal - Frequency: Short Term (acute) - Notes: 1 day
Worker Industry: 600 mg/m3 - Consumer: 106 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term (acute)
Consumer: 31 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)
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

PNEC Exposure Limit Values

acetone; propan-2-one; propanone - CAS: 67-64-1
Target: Fresh Water - Value: 10.6 mg/l
Target: Marine water - Value: 1.06 mg/l
Target: Freshwater sediments - Value: 30.4 mg/kg
Target: Marine water sediments - Value: 3.04 mg/kg
Target: Soil - Value: 29.5 mg/kg
Target: Microorganisms in sewage treatments - Value: 100 mg/l
Target: Water (intermittent discharge) - Value: 21 mg/l
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
n-butyl acetate - CAS: 123-86-4
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.018 mg/l
Target: Freshwater sediments - Value: 0.981 mg/kg
Target: Water (intermittent discharge) - Value: 0.36 mg/l
Target: Marine water sediments - Value: 0.0981 mg/kg
Target: Soil - Value: 0.0903 mg/kg
Target: Microorganisms in sewage treatments - Value: 35.6 mg/l
butanone; ethyl methyl ketone - CAS: 78-93-3
Target: Fresh Water - Value: 55.8 mg/l
Target: Marine water - Value: 55.8 mg/l
Target: Freshwater sediments - Value: 284.74 mg/kg
Target: Marine water sediments - Value: 287.7 mg/kg
Target: Soil (agricultural) - Value: 22.5 mg/kg
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
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)

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Use close 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.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:		--	--
Odour:	Solvent Like	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and	56-148 C	--	--

boiling range:			
Flash Point (F):	-4	--	--
Flash point (C):	-20	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	1%-13%	--	--
Vapour pressure:	89.1 mmhg	--	--
Vapour density:	3.0	--	--
Relative density:	1.25	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	226 C	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

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

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

acetone; propan-2-one; propanone - CAS: 67-64-1

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5800 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 76 mg/l - Duration: 4h
Test: LD50 - Route: Skin - Species: Rabbit > 15800 mg/kg

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

n-butyl acetate - CAS: 123-86-4
Acute toxicity:
Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 10736 mg/kg
Test: LC50 - Route: Inhalation Dust - Species: Rat = 23.4 mg/l - Duration: 4h
Test: LC50 - Route: Inhalation Mist - Species: Rat = 23.4 mg/l - Duration: 4h
Test: LC50 - Route: Inhalation (aerosol) - Species: Rabbit (male, female) = 0.74 mg/l - Duration: 4h - Source: OECD 403
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 21.1 mg/l - Duration: 4h - Source: OECD 403
Test: LC0 - Route: Inhalation Vapour - Species: Rat > 38.32 mg/l - Duration: 6 hours

Reproductive toxicity:
Test: LOAEC - Route: Inhalation Vapour - Species: Rat = 1500 ppm - Source: OECD 414
Test: NOAEC - Route: Inhalation Vapour - Species: mouse (Male, female) = 2000 ppm - Duration: 90 Jours - Source: OECD 416

STOT-repeated exposure:
Test: NOAEC - Route: Inhalation - Species: Rat (Male, female) = 500 ppm - Duration: 13 weeks - Source: EPA OTS 798.2450
Test: NOAEL - Route: Oral - Species: Rat (Male, female) = 125 mg/kg bw/day - Duration: 13 weeks
Test: LOAEL
- Route: Oral - Species: mouse (Male, female) = 500 mg/kg bw/day - Duration: 13 days

butanone; ethyl methyl ketone - CAS: 78-93-3
Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LC50 - Route: Inhalation > 5000 ppm

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

Substance(s) listed on the NTP report on Carcinogens:
None.

Substance(s) listed on the IARC Monographs:
xylene - Group 3
ethylbenzene - Group 2B.

Substance(s) listed as OSHA Carcinogen(s):
None.

Substance(s) listed as NIOSH Carcinogen(s):
None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.
acetone; propan-2-one; propanone - CAS: 67-64-1
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Salmo gairdneri
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata
Endpoint: NOEC - Species: Algae = 430 mg/l - Duration h: 96 - Notes: Prorocentrum minimum, marine water
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 2212 mg/l - Duration h: 672 - Notes: Daphnia pulex
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
n-butyl acetate - CAS: 123-86-4
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Algae = 647.7 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus
Endpoint: NOEC - Species: Algae = 200 mg/l - Notes: Desmodesmus subspicatus
Endpoint: EC50 - Species: Aquatic plants = 397 mg/l - Duration h: 72 - Notes: DIN 38412 Part. 9, Pseudokirchneriella subcapitata
Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203, Pimephales promelas
Endpoint: EC50 - Species: bacteria = 356 mg/l - Duration h: 40 - Notes: Tetrahymena pyriformis
Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48 - Notes: OECD 202
Endpoint: ErC50 - Species: Aquatic plants = 397 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneri
ella subcapitata
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 23 mg/l - Duration h: 504 - Notes: OCDE 211
Endpoint: NOEC - Species: Aquatic plants = 196 mg/l - Duration h: 72 - Notes: OECD 201, Pseudokirchneri
ella subcapitata
Endpoint: IC50 - Species: bacteria = 356 mg/l - Duration h: 40 - Notes: TETRATOX assay, Tetrahymena pyriformis
d) Terrestrial toxicity:
Endpoint: EC50 > 1000 mg/kg - Duration h: 336 - Notes: Lactuca sativa
butanone; ethyl methyl ketone - CAS: 78-93-3
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 13 mg/l - Duration h: 48
Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchuss mykiss
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 168 - Notes: Desmodesmus subspicatus

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

Persistence and degradability

acetone; propan-2-one; propanone - CAS: 67-64-1
Biodegradability: Readily biodegradable - Duration: 28 days - %: 91
Biodegradability: Chemical Oxygen Demand (COD) - Notes: 2,21 g O2/g matiere
n-butyl acetate - CAS: 123-86-4
Biodegradability: Biodegradability rate - Test: OECD 301D - Duration: 5 days - %: 83% - Notes: CEE 92/69, C.4-E
butanone; ethyl methyl ketone - CAS: 78-93-3
Biodegradability: Readily biodegradable - Duration: 28 days - %: 98 - Notes: aerobie

Bioaccumulative potential

acetone; propan-2-one; propanone - CAS: 67-64-1
BCF 3
Log Pow - 0.24 - Notes: 20 ?
Log Kow 0.17 - Notes: 20 ?C
xylene - CAS: 1330-20-7
Low bioconcentration potential
Log Pow 3.12
BCF 8.1 - 25.9
n-butyl acetate - CAS: 123-86-4
BCF 15.3
Log Kow 2.3 - Notes: 25 ?C
butanone; ethyl methyl ketone - CAS: 78-93-3
Log Pow 0.3
Log Kow 0.3
ethylbenzene - CAS: 100-41-4
Log Kow 3.15

Mobility in soil

acetone; propan-2-one; propanone - CAS: 67-64-1
Volality (H: Henry's Law Constant) 2929-3070 Pa.m3/mol - Notes: 25 ?C (low volatility)
n-butyl acetate - CAS: 123-86-4
Log Koc 1.268
Volality (H: Henry's Law Constant) 28.5 Pa.m?/mol - Notes: 25 ?C

Other adverse effects

No harmful effects expected.

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal 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.

14. TRANSPORT INFORMATION

UN number
- ADR-UN Number: 1263
- DOT number: UN1263
- IATA-UN Number: 1263
- IMDG-UN Number: 1263

UN proper shipping name
- ADR-Shipping Name: PAINT (acetone; propan-2-one; propanone, xylene)
- DOT-Shipping Name: Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base or Paint related material including paint thinning, drying, removing, or reducing compound(acetone; propan-2-one; propanone, xylene)
- IATA-Shipping Name: PAINT (acetone; propan-2-one; propanone, xylene)
- IMDG-Shipping Name: PAINT (acetone; propan-2-one; propanone, xylene)

Transport hazard class(es)
- ADR-Class: 3
- DOT Hazard Class: 3
- ADR - Hazard identification number: 33
- IATA-Class: 3
- IATA-Label: 3
- IMDG-Class: 3

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

Environmental hazards
- ADR-Enviromental Pollutant: Yes
- IMDG-Marine pollutant: Yes
- Most important toxic component: ZINC CHROMATE PIGMENT Y-952 BULK

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
- N.A.

Special precautions
- DOT Special provisions: 149, 367, 383, B52, B131, IB2, T4, TP1, TP8, TP28
- DOT Labels: 3
- ADR-Subsidiary hazards: -
- ADR-S.P.: 163 367 640D 650
- ADR-Transport category (Tunnel restriction code): 2 (D/E)
- IATA-Passenger Aircraft: 353
- IATA-Subsidiary hazards: -
- IATA-Cargo Aircraft: 364
- IATA-S.P.: A3 A72 A192
- IATA-ERG: 3L
- IMDG-EmS: F-E , S-E
- IMDG-Subsidiary hazards: -
- IMDG-Stowage and handling: Category B
- IMDG-Segregation: -
- Q.L.: 5L
- Q.E.: E2

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

List of substances included in the TSCA inventory: acetone; propan-2-one; propanone, xylene, n-butyl acetate, butanone; ethyl methyl ketone, ethylbenzene, N-(3-(trimethoxysilyl)propyl)ethylenediamine, butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime.
List of substances not included in the TSCA inventory: ZINC CHROMATE PIGMENT Y-952 BULK.
TSCA sections for substances listed in section 3:
acetone; propan-2-one; propanone is listed in TSCA Section 8b
xylene is listed in TSCA Section 8b
n-butyl acetate is listed in TSCA Section 8b
butanone; ethyl methyl ketone is listed in TSCA Section 8d HSDR, Section 8b
ethylbenzene is listed in TSCA Section 8d HSDR, Section 8b
N-(3-(trimethoxysilyl)propyl)ethylenediamine is listed in TSCA Section 8b
butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime is listed in TSCA Section 8d HSDR, Section 8b.

SARA - Superfund Amendments and Reauthorization Act
Section 302 Extremely Hazardous Substances: no substances listed.
Section 304 Hazardous substances: acetone; propan-2-one; propanone, xylene, n-butyl acetate, butanone; ethyl methyl ketone, ethylbenzene.
Section 313 Toxic chemical list: xylene, ethylbenzene.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
Substance(s) listed under CERCLA: acetone; propan-2-one; propanone - Reportable quantity: 5000 pounds
xylene - Reportable quantity: 100 pounds
n-butyl acetate - Reportable quantity: 5000 pounds
butanone; ethyl methyl ketone - Reportable quantity: 5000 pounds
ethylbenzene - Reportable quantity: 1000 pounds.
Reportable quantity for mixture: 1885.653945 pounds.

CAA - Clean Air Act
CAA listed substances:
acetone; propan-2-one; propanone is listed in CAA Section 111, Section 112(b) - HON
xylene is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON
n-butyl acetate is listed in CAA Section 111
butanone; ethyl methyl ketone is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON
ethylbenzene is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON.

CWA - Clean Water Act
CWA listed substances:
acetone; propan-2-one; propanone is listed in CWA Section 304
xylene is listed in CWA Section 304, Section 311
n-butyl acetate is listed in CWA Section 304, Section 311
ethylbenzene is listed in CWA Section 304, Section 307, Section 311, CWA Priority Pollutants.

USA - State specific regulations

California Proposition 65
Substance(s) listed under California Proposition 65:
ethylbenzene - Listed as carcinogen.

Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
acetone; propan-2-one; propanone
xylene
n-butyl acetate
butanone; ethyl methyl ketone

ethylbenzene.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:
acetone; propan-2-one; propanone
xylene
n-butyl acetate
butanone; ethyl methyl ketone
ethylbenzene.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
acetone; propan-2-one; propanone
xylene
n-butyl acetate
butanone; ethyl methyl ketone
ethylbenzene.

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:

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H350 May cause cancer.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H402 Harmful to aquatic life.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H351 Suspected of causing cancer.
H227 Combustible liquid.

Safety Data Sheet date: 12/21/2022, version 1
Disclaimer:
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. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.
This Safety Data Sheet cancels and replaces any preceding release.

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.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
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.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average