Safety Data Sheet

LFA881 SIVOSAT 70 Finitura PU per esterni - Clear PU top coat for external

Safety Data Sheet dated 2/23/2023, version 2

1. Identification

GHS Product identifier

Mixture identification:

Trade name: SIVOSAT 70 Finitura PU per esterni - Clear PU top coat for external

Other means of identification

Trade code: LFA881

Recommended use and restrictions on use

Recommended use:

IS- Industrial use

PW - Professional use

Varnish for wood

Supplier's details

Company:

NUOVA S.I.V.A.M. SpA - Via Monviso, 10 - 20008 BAREGGIO (MI) - Tel. +39 02-903041

Importer:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.
7900 Henri-Bourassa Blvd. W.
Montreal, Quebec, Canada, H4S 1V4
Tel :+1-800-361-6000
Emergency phone number for Canada: Canutec (613) 996-6666

Distributor:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.
7900 Henri-Bourassa Blvd. W.
Montreal, Quebec, Canada, H4S 1V4
Tel :+1-800-361-6000
Emergency phone number for Canada: Canutec (613) 996-6666

Competent person responsible for the safety data sheet:

msds@sivam.it

Emergency phone number

NUOVA S.I.V.A.M. SpA - Tel. +39 02- 903041 (Monday - Friday 8.00 - 15.00)
Poison Centre - Ospedale di Niguarda Ca' Granda - Milan - Tel. +39 02-66101029 (24 h)

2. Hazard identification

Classification of the hazardous product

- Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- Warning, Skin Irrit. 2, Causes skin irritation.
- Warning, Eye Irrit. 2A, Causes serious eye irritation.
- Warning, Skin Sens. 1A, May cause an allergic skin reaction.
- Warning, Repr. 2, Suspected of damaging fertility or the unborn child.
- Warning, STOT SE 3, May cause respiratory irritation.
- Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
- Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

GHS label elements, including precautionary statements

Hazard pictograms:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful 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.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
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 should 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/...
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
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.
P314 Get medical advice/attention if you feel unwell.
P321 Specific treatment (see ... On this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use ... to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special provisions

None

Other hazards

None

Ingredient(s) with unknown acute toxicity

None.

3. Composition/Information on ingredients

Substances

N.A.

LFA881 SIVOSAT 70 Finitura PU per esterni - Clear PU top coat for external

Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

Qty	Name	Ident. Number		Classification
>= 15% - < 40%	xylene [4]	Index number: CAS: EC: REACH No.:	601-022-00-9 1330-20-7 215-535-7 01-2119488216-32	B.6/3 Flam. Liq. 3 H226 CAN-HAE/C3 Aquatic Chronic 3 H412 A.1/4/Dermal Acute Tox. 4 H312 A.1/4/Inhal Acute Tox. 4 H332 A.2/2 Skin Irrit. 2 H315 A.8/3 STOT SE 3 H335 A.9/2 STOT RE 2 H373 A.10/1 Asp. Tox. 1 H304
>= 7% - < 13%	n-butyl acetate	Index number: CAS: EC: REACH No.:	607-025-00-1 123-86-4 204-658-1 01-2119485493-29	B.6/3 Flam. Liq. 3 H226 A.8/3 STOT SE 3 H336
>= 1% - < 5%	ethylbenzene	Index number: CAS: EC: REACH No.:	601-023-00-4 100-41-4 202-849-4 01-2119489370-35	B.6/2 Flam. Liq. 2 H225 A.1/4/Inhal Acute Tox. 4 H332 A.9/2 STOT RE 2 H373 A.10/1 Asp. Tox. 1 H304 CAN-HAE/C3 Aquatic Chronic 3 H412
>= 1% - < 5%	isobutyl acetate [2]	Index number: CAS: EC: REACH No.:	607-026-00-7 110-19-0 203-745-1 01-2119488971-22	B.6/2 Flam. Liq. 2 H225 A.8/3 STOT SE 3 H336
>= 1% - < 5%	2-methoxy-1-methylethyl acetate	Index number: CAS: EC: REACH No.:	607-195-00-7 108-65-6 203-603-9 01-2119475791-29	B.6/3 Flam. Liq. 3 H226 A.8/3 STOT SE 3 H336
>= 1% - < 5%	ethyl acetate	Index number: CAS: EC: REACH No.:	607-022-00-5 141-78-6 205-500-4 01-2119475103-46	B.6/2 Flam. Liq. 2 H225 A.3/2A Eye Irrit. 2A H319 A.8/3 STOT SE 3 H336
>= 0.1%	Hydroxyphenyl-	Index	607-176-00-3	A.4.2/1 Skin Sens. 1 H317

- < 1%	benzotriazole derivatives EC No. 400-830-67 (CAS 104810-47-1 + CAS 104810-48-2)	number: EC: REACH No.:	400-830-7 01-0000015075-76	CAN-HAE/C2 Aquatic Chronic 2 H411
>= 0.1% - < 1%	Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7)	CAS: EC: REACH No.:	1065336-91-5 915-687-0 01-2119491304-40	A.4.2/1 Skin Sens. 1 H317 A.7/2 Repr. 2 H361 CAN-HAE/A1 Aquatic Acute 1 H400 CAN-HAE/C1 Aquatic Chronic 1 H410
>= 0.1% - < 1%	Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z)	CAS: REACH No.:	147900-93-4 01-2119971821-33	A.1/4/Oral Acute Tox. 4 H302 CAN-HAE/C2 Aquatic Chronic 2 H411 A.2/2 Skin Irrit. 2 H315 A.4.2/1A Skin Sens. 1A H317 A.9/2 STOT RE 2 H373
840 ppm	Fatty acids, tall-oil, compds. with oleylamine	CAS: EC: REACH No.:	85711-55-3 288-315-1 01-2119974148-28	A.2/2 Skin Irrit. 2 H315 A.3/1 Eye Dam. 1 H318 A.4.2/1A Skin Sens. 1A H317 A.9/2 STOT RE 2 H373
9 ppm	octamethylcyclotetrasiloxane (D4)	Index number: CAS: EC: REACH No.:	014-018-00-1 556-67-2 209-136-7 01-2119529238-36	B.6/3 Flam. Liq. 3 H226 A.7/2 Repr. 2 H361 CAN-HAE/C4 Aquatic Chronic 4 H413
9 ppm	Decamethylcyclopentasiloxane (D5)	CAS: EC: REACH No.:	541-02-6 208-764-9 01-2119511367-43	The product is not classified as dangerous according to WHMIS 2015.
2 ppm	Dodecamethylcyclohexasiloxane (D6)	CAS: EC: REACH No.:	540-97-6 208-762-8 01-2119517435-42	The product is not classified as dangerous according to WHMIS 2015.

The actual concentration of the components listed above is withheld as a trade secret.

The actual concentration of the components listed above is withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:
Immediately take off all contaminated clothing.
Remove contaminated clothing immediately and dispose off 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.
In case of Inhalation:
In case of inhalation, consult a doctor immediately and show him packing or label.
Most important symptoms/effects, acute and delayed
None
Indication of immediate medical attention and special treatment needed, if necessary
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
None

5. Fire-fighting measures

Suitable and unsuitable extinguishing media
Suitable extinguishing media:
In case of fire: Use ... to extinguish.
Unsuitable extinguishing media:
None in particular.
Specific hazards arising from the hazardous product
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products:
None
Explosive properties: N.D. in volume
Oxidizing properties: N.D.
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.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.
Methods and material 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.
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:
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.
Avoid accumulating electrostatic charge.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.
Storage temperature:
Store at ambient temperature.

8. Exposure controls/personal protection

Control parameters

xylene [4] - CAS: 1330-20-7
EU - TWA(8h): 221 mg/m3, 50 ppm - STEL: 442 mg/m3, 100 ppm - Notes: Skin
ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair

n-butyl acetate - CAS: 123-86-4
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
EU - TWA(8h): 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm

ethylbenzene - CAS: 100-41-4
EU - TWA(8h): 442 mg/m3, 100 ppm - STEL: 884 mg/m3, 200 ppm - Notes: Skin
ACGIH - TWA(8h): 20 ppm - Notes: OTO; A3, BEI - URT & eye irr; ototoxicity; kidney eff; CNS impair

isobutyl acetate [2] - CAS: 110-19-0
ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
EU - TWA(8h): 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm

2-methoxy-1-methylethyl acetate - CAS: 108-65-6
EU - TWA(8h): 275 mg/m3, 50 ppm - STEL: 550 mg/m3, 100 ppm - Notes: Skin
TLV TWA - 275 mg/m3 - 50 ppm
TLV STEL - 550 mg/m3 - 100 ppm

ethyl acetate - CAS: 141-78-6
ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr
EU - TWA(8h): 734 mg/m3, 200 ppm - STEL: 1468 mg/m3, 400 ppm

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
ACGIH - TWA(8h): 123 mg/m3, 10 ppm

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6
ACGIH - TWA(8h): 10 ppm

DNEL Exposure Limit Values

xylene [4] - CAS: 1330-20-7
Worker Industry: 289 mg/m3 - Worker Professional: 289 mg/m3 - Consumer: 174 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 77 mg/m3 - Worker Professional: 77 mg/m3 - Consumer: 14.8 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 180 mg/kg - Worker Professional: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

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

Worker Industry: 300 mg/m3 - Worker Professional: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 300 mg/m3 - Worker Professional: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Industry: 11 mg/kg - Worker Professional: 11 mg/kg - Consumer: 6 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 2 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

ethylbenzene - CAS: 100-41-4

Worker Industry: 180 mg/kg - Worker Professional: 180 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 77 mg/m3 - Worker Professional: 77 mg/m3 - Consumer: 15 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

isobutyl acetate [2] - CAS: 110-19-0

Worker Industry: 300 mg/m3 - Worker Professional: 300 mg/m3 - Consumer: 35.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 600 mg/m3 - Worker Professional: 600 mg/m3 - Consumer: 300 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 10 mg/kg - Worker Professional: 10 mg/kg - Consumer: 5 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 796 mg/kg - Worker Professional: 796 mg/kg - Consumer: 320 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 275 mg/m3 - Worker Professional: 275 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 550 mg/m3 - Worker Professional: 550 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Consumer: 36 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

ethyl acetate - CAS: 141-78-6

Worker Industry: 1468 mg/m3 - Worker Professional: 1468 mg/m3 - Consumer: 734 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Industry: 1468 mg/m3 - Worker Professional: 1468 mg/m3 - Consumer: 734 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Industry: 63 mg/kg - Worker Professional: 63 mg/kg - Consumer: 37 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 734 mg/m3 - Worker Professional: 734 mg/m3 - Consumer: 367 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 734 mg/m3 - Worker Professional: 734 mg/m3 - Consumer: 367 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 4.5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Hydroxyphenyl-benzotriazole derivatives EC No. 400-830-67 (CAS 104810-47-1 + CAS 104810-48-2) - Index number: 607-176-00-3

Worker Industry: 0.398 mg/m3 - Worker Professional: 0.398 mg/m3 - Consumer: 0.099 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 0.25 mg/kg - Worker Professional: 0.25 mg/kg - Consumer: 0.025 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 0.025 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7) - CAS: 1065336-91-5

Worker Industry: 1.27 mg/m3 - Worker Professional: 1.27 mg/m3 - Consumer: 0.31 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 1.8 mg/kg - Worker Professional: 1.8 mg/kg - Consumer: 0.9 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 0.18 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) - CAS: 147900-93-4
Worker Industry: 0.024 mg/kg - Worker Professional: 0.024 mg/kg - Consumer: 0.012 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
Worker Industry: 73 mg/m3 - Worker Professional: 73 mg/m3 - Consumer: 13 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 73 mg/kg - Worker Professional: 73 mg/kg - Consumer: 13 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 3.7 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6
Worker Industry: 24.2 mg/m3 - Worker Professional: 24.2 mg/m3 - Consumer: 4.3 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Industry: 97.3 mg/m3 - Worker Professional: 97.3 mg/m3 - Consumer: 17.3 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6
Worker Industry: 6.1 mg/m3 - Worker Professional: 6.1 mg/m3 - Consumer: 1.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Industry: 11 mg/m3 - Worker Professional: 11 mg/m3 - Consumer: 2.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 1.7 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

PNEC Exposure Limit Values

xylene [4] - CAS: 1330-20-7
Target: Fresh Water - Value: 0.327 mg/l
Target: Marine water - Value: 0.327 mg/l
Target: Intermittent emission - Value: 0.327 mg/l
Target: Freshwater sediments - Value: 12.46 mg/kg
Target: Marine water sediments - Value: 12.46 mg/kg
Target: Microorganisms in sewage treatments - Value: 6.58 mg/l
Target: Soil (agricultural) - Value: 2.31 mg/kg

n-butyl acetate - CAS: 123-86-4
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.018 mg/l
Target: Intermittent emission - Value: 0.36 mg/l
Target: Freshwater sediments - Value: 0.98 mg/kg
Target: Marine water sediments - Value: 0.098 mg/kg
Target: Microorganisms in sewage treatments - Value: 35.6 mg/l
Target: Soil (agricultural) - Value: 0.09 mg/kg

ethylbenzene - CAS: 100-41-4
Target: Fresh Water - Value: 0.1 mg/l
Target: Marine water - Value: 0.01 mg/l
Target: Freshwater sediments - Value: 13.7 mg/kg
Target: Marine water sediments - Value: 1.37 mg/kg
Target: Intermittent emission - Value: 0.1 mg/l
Target: Microorganisms in sewage treatments - Value: 9.6 mg/l
Target: Soil (agricultural) - Value: 2.68 mg/kg

isobutyl acetate [2] - CAS: 110-19-0
Target: Fresh Water - Value: 0.17 mg/l
Target: Marine water - Value: 0.017 mg/l
Target: Intermittent emission - Value: 0.34 mg/l

Target: Microorganisms in sewage treatments - Value: 200 mg/l
Target: Freshwater sediments - Value: 0.877 mg/kg
Target: Marine water sediments - Value: 0.0877 mg/kg
Target: Soil (agricultural) - Value: 0.0755 mg/kg

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Fresh Water - Value: 0.635 mg/l
Target: Marine water - Value: 0.0635 mg/l
Target: Intermittent emission - Value: 6.35 mg/l
Target: Microorganisms in sewage treatments - Value: 100 mg/l
Target: Freshwater sediments - Value: 3.29 mg/kg
Target: Marine water sediments - Value: 0.329 mg/kg
Target: Soil (agricultural) - Value: 0.29 mg/kg

ethyl acetate - CAS: 141-78-6

Target: Fresh Water - Value: 0.24 mg/l
Target: Marine water - Value: 0.024 mg/l
Target: Intermittent emission - Value: 1.65 mg/l
Target: Microorganisms in sewage treatments - Value: 650 mg/l
Target: Freshwater sediments - Value: 1.15 mg/kg
Target: Marine water sediments - Value: 0.115 mg/kg
Target: Soil (agricultural) - Value: 0.148 mg/kg
Target: Food chain - Value: 200 mg/kg

Hydroxyphenyl-benzotriazole derivatives EC No. 400-830-67 (CAS 104810-47-1 + CAS 104810-48-2) - Index number: 607-176-00-3

Target: Fresh Water - Value: 0.023 mg/l
Target: Marine water - Value: 0.00023 mg/l
Target: Freshwater sediments - Value: 7.26 mg/l
Target: Marine water sediments - Value: 0.726 mg/l
Target: Intermittent emission - Value: 0.023 mg/l
Target: Microorganisms in sewage treatments - Value: 100 mg/l

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7) - CAS: 1065336-91-5

Target: Fresh Water - Value: 0.0022 mg/l
Target: Marine water - Value: 0.00022 mg/l
Target: Intermittent emission - Value: 0.009 mg/l
Target: Freshwater sediments - Value: 1.05 mg/kg
Target: Marine water sediments - Value: 0.11 mg/kg
Target: Microorganisms in sewage treatments - Value: 1 mg/l
Target: Soil (agricultural) - Value: 0.21 mg/kg

Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) - CAS: 147900-93-4

Target: Fresh Water - Value: 0.006 mg/l
Target: Marine water - Value: 0.0006 mg/l
Target: Freshwater sediments - Value: 2.46 mg/kg
Target: Marine water sediments - Value: 0.25 mg/kg
Target: Soil (agricultural) - Value: 0.28 mg/kg

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2

Target: Fresh Water - Value: 0.0015 mg/l
Target: Marine water - Value: 0.00015 mg/l
Target: Freshwater sediments - Value: 3 mg/kg
Target: Marine water sediments - Value: 0.3 mg/kg
Target: Microorganisms in sewage treatments - Value: 10 mg/kg
Target: Soil (agricultural) - Value: 0.54 mg/kg
Target: Food chain - Value: 41 mg/kg

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6

Target: Fresh Water - Value: 0.0012 mg/kg
Target: Marine water - Value: 0.00012 mg/kg

Target: Freshwater sediments - Value: 11 mg/kg
Target: Marine water sediments - Value: 1.1 mg/kg
Target: Microorganisms in sewage treatments - Value: 10 mg/l
Target: Soil (agricultural) - Value: 2.54 mg/kg
Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6
Target: Freshwater sediments - Value: 13 mg/kg
Target: Marine water sediments - Value: 1.3 mg/kg
Target: Microorganisms in sewage treatments - Value: 1 mg/kg
Target: Soil (agricultural) - Value: 3.77 mg/kg
Biological Exposure Index
xylene [4] - CAS: 1330-20-7
Value: 1.5 g/g - medium: Urine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn
ethylbenzene - CAS: 100-41-4
Value: 0.15 g/g - medium: Urine - Biological Indicator: Sum of mandelic acid in urine and acid fenilgliossalico - Sampling Period: End of turn; End of working week
Appropriate engineering controls
None
Individual protection measures, such as personal protective equipment (PPE)
Eye protection:
Eye glasses with side protection. (EN166)
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. (EN374)
Respiratory protection:
Use respiratory protection where ventilation is insufficient or exposure is prolonged.
Use adequate protective respiratory equipment.
Thermal Hazards:
None

9. Physical and chemical properties

Appearance and colour:	Yellow
Odour:	typical
Odour threshold:	N.D.
pH:	Not Relevant
Melting point / freezing point:	N.D. °C
Initial boiling point and boiling range:	> 110 °C
Flash point:	< 23 °C
Evaporation rate:	N.D.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	7.0% - 0.9% Vol. (Xylene)
Vapour pressure:	N.D. (20 °C)
Vapour density:	> 1
Relative density:	0.975 - 0.995
Solubility in water:	partial
Solubility in oil:	partial
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	> 300 °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.

10. Stability and reactivity

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

Conditions to avoid

Avoid accumulating electrostatic charge.

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:

SIVOSAT 70 Finitura PU per esterni - Clear PU top coat for external

a) acute toxicity

Not classified

No data available for the product

b) skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2A H319

d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1A H317

e) germ cell mutagenicity

Not classified

No data available for the product

f) carcinogenicity

Not classified

No data available for the product

g) reproductive toxicity

The product is classified: Repr. 2 H361

h) STOT-single exposure

The product is classified: STOT SE 3 H335

i) STOT-repeated exposure

The product is classified: STOT RE 2 H373

j) aspiration hazard

Not classified

No data available for the product

Toxicological information of the main substances found in the product:

xylene [4] - CAS: 1330-20-7

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 6.7 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit = 1100 mg/kg

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

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 10760 mg/kg - Source: OECD 423

Test: LC50 - Route: Inhalation - Species: Rat > 21 mg/l - Duration: 4h - Source: OECD 403

Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg - Source: OECD 402

ethylbenzene - CAS: 100-41-4

a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg
Test: LD50 - Route: Inhalation - Species: Rat = 17.2 mg/l - Duration: 1h
i) STOT-repeated exposure:
Test: NOAEC - Route: Inhalation - Species: Rat = 0.5 mg/l - Notes: Ototoxicity
isobutyl acetate [2] - CAS: 110-19-0
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 13.4 g/kg - Source: OCSE 401
Test: LD50 - Route: Oral - Species: Rabbit = 4.76 g/kg
Test: LC50 - Route: Inhalation - Species: Rat > 23.4 mg/l - Duration: 4h - Source: OCSE 403
Test: LD50 - Route: Skin - Species: Rabbit > 17.4 g/kg - Source: OCSE 402
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 23.5 mg/l - Duration: 4h
ethyl acetate - CAS: 141-78-6
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 4934 mg/kg - Source: OCSE 401
Test: LD50 - Route: Skin - Species: Rabbit > 20000 mg/kg
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7) - CAS: 1065336-91-5
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 3230 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 3170 mg/kg
Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) - CAS: 147900-93-4
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 1570 mg/kg
Fatty acids, tall-oil, compds. with oleylamine - CAS: 85711-55-3
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: OECD 423
octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 4800 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 36 mg/l - Duration: 4h
Test: LD50 - Route: Skin - Species: Rabbit = 2.5 ml/kg
xylene [4] - CAS: 1330-20-7
Observations on human subjects.
Effects following acute exposure:dermatitis, eczema, irritation to the eyes and to the respiratory tract,dizziness, headache, nausea, incoordination, excitability, narcosis, anaemia, and paraesthesia of the hands and feet.
n-butyl acetate - CAS: 123-86-4
The vapours can cause headache and nausea. As a liquid it can irritate the eyes and cause conjunctivitis, it can irritate the skin and cause dermatitis and, if swallowed, causes inebriation, hallucinations and sedation.
Symptoms of illness at 500 ppm. Serious toxic effects at 2.000 ppm for 60 min.
ethyl acetate - CAS: 141-78-6
The product is extremely volatile and provokes for inhalation,irritation to respiratories tracts.Acute exposition can cause depression of central nervous system whit effects such as drowsiness,reflex loss,narcosis.

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

xylene [4] - 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.
SIVOSAT 70 Finitura PU per esterni - Clear PU top coat for external
The product is classified: Aquatic Chronic 3 - H412
xylene [4] - CAS: 1330-20-7
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96
Endpoint: EC50 - Species: Algae = 2.2 mg/l - Duration h: 72 - Notes: OECD TG 201
Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24 - Notes: OECD TG 202
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish > 1.3 mg/l - Notes: 56d
Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Notes: 21d
n-butyl acetate - CAS: 123-86-4
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203
Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 674 mg/l - Duration h: 72
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Algae = 200 mg/l - Duration h: 72
ethylbenzene - CAS: 100-41-4
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 1.8 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 3.6 mg/l - Duration h: 96
Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 0.96 mg/l - Notes: 7 day
Endpoint: NOEC - Species: Algae = 3.4 mg/l - Duration h: 96
isobutyl acetate [2] - CAS: 110-19-0
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Algae = 370 mg/l - Duration h: 72 - Notes: OCSE 201
Endpoint: EC50 - Species: Daphnia = 24.6 mg/l - Duration h: 48 - Notes: OCSE 202
Endpoint: LC50 - Species: Fish = 16.6 mg/l - Duration h: 96 - Notes: OCSE 203
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 23.2 mg/l - Notes: OCSE 201 (21d)
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96 - Notes: OECD 201
Endpoint: LC50 - Species: Fish = 134 mg/l - Duration h: 96 - Notes: OECD 203
Endpoint: LC50 - Species: Daphnia = 408 mg/l - Duration h: 48
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Fish = 47.5 mg/l - Notes: 14d OECD 204
Endpoint: NOEC - Species: Daphnia > 100 mg/l - Notes: 21d OECD 211
ethyl acetate - CAS: 141-78-6
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72
Endpoint: EC50 - Species: Daphnia = 165 mg/l - Duration h: 48
Endpoint: LC50 - Species: Fish = 230 mg/l - Duration h: 96

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 2.4 mg/l - Notes: 21d

Hydroxyphenyl-benzotriazole derivatives EC No. 400-830-67 (CAS 104810-47-1 + CAS 104810-48-2) - Index number: 607-176-00-3

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 2.8 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia = 4 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 9 mg/l - Duration h: 72

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 0.23 mg/l - Notes: 21 day
Endpoint: NOEC - Species: Fish = 1.2 mg/l - Duration h: 96

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7) - CAS: 1065336-91-5

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 0.9 mg/l - Duration h: 96 - Notes: OECD 203
Endpoint: EC50 - Species: Daphnia = 10 mg/l - Duration h: 24 - Notes: OECD 202
Endpoint: EC50 - Species: Algae = 1.68 mg/l - Duration h: 72 - Notes: OECD 201

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Algae = 0.22 mg/l - Duration h: 72
Endpoint: NOEC - Species: Daphnia = 1 mg/l - Duration h: 504 - Notes: 21 days

Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) - CAS: 147900-93-4

a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Algae = 7.89 mg/l - Duration h: 72 - Notes: OECD 201

Fatty acids, tall-oil, compds. with oleylamine - CAS: 85711-55-3

a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 15.2 mg/l - Duration h: 48 - Notes: OECD TG 202
Endpoint: EC50 - Species: Algae = 7.43 mg/l - Duration h: 72 - Notes: OECD TG 201
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: OECD 203

Persistence and degradability

xylene [4] - CAS: 1330-20-7
Biodegradability: Readily biodegradable

n-butyl acetate - CAS: 123-86-4
Biodegradability: Readily biodegradable - Duration h: 28 days - %: 83

ethylbenzene - CAS: 100-41-4
Biodegradability: Readily biodegradable - Duration h: 28 days - %: 70-80

isobutyl acetate [2] - CAS: 110-19-0
Biodegradability: Readily biodegradable

2-methoxy-1-methylethyl acetate - CAS: 108-65-6
Biodegradability: Readily biodegradable - Duration h: 28 days - %: 83 - Notes: OECD 301F

ethyl acetate - CAS: 141-78-6
Biodegradability: Readily biodegradable - Duration h: 28 days - %: 94

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7) - CAS: 1065336-91-5
Biodegradability: Non-readily biodegradable - Test: Biochemical oxigen demand - Duration h: 28 days - %: 38 - Notes: OECD 301F

Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) - CAS: 147900-93-4
Biodegradability: Non-readily biodegradable

Fatty acids, tall-oil, compds. with oleylamine - CAS: 85711-55-3
Biodegradability: Readily biodegradable

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
Biodegradability: Non-readily biodegradable - Duration h: 28 days - %: 3.7 - Notes: OECD 310

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6

Biodegradability: Non-readily biodegradable - Duration h: 28 days - %: 0 - Notes: OECD 310

Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6

Biodegradability: Non-readily biodegradable - Duration h: 28 days - %: 4.47 - Notes: OECD 310

Bioaccumulative potential

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2

Bioaccumulation: Bioaccumulative

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6

Bioaccumulation: Bioaccumulative

Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6

Bioaccumulation: Bioaccumulative

Mobility in soil

N.A.

Other adverse effects

None

13. Disposal considerations

Safe handling and methods for disposal

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

TDG number: UN1263

ADR-UN Number: 1263

DOT number: UN1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

UN proper shipping name

TDG-Shipping Name: PAINT

ADR-Shipping Name: PAINT

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

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

Transport hazard class(es)

TDG Class: 3

ADR-Class: 3

DOT Hazard Class: 3

ADR - Hazard identification number: 33

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

Packing group

TDG Packing group: II

ADR-Packing Group: II

DOT Packing group: II

IATA-Packing group: II
IMDG-Packing group: II

Environmental hazards

ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No

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

N.A.

Special precautions in connection with transport or conveyance

Rail (RID): 3
TDG Special provisions: 59,142
DOT Special provisions: 149, 367, 383, B52, B131, IB2, T4, TP1, TP8, TP28
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 A
IMDG-Segregation: -

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

This Safety Data Sheet has been prepared according to the Hazardous Products Regulations (HPR) - WHMIS 2015.

NPRI - National Pollutant Release Inventory

Substance(s) listed under NPRI:
xylene [4] is listed in NPRI Part 5
n-butyl acetate is listed in NPRI Part 5
ethylbenzene is listed in NPRI Part 1, Group A
2-methoxy-1-methylethyl acetate is listed in NPRI Part 5
ethyl acetate is listed in NPRI Part 5.

DSL inventory - Domestic substances list

All the components are listed in the DSL..

NDSL inventory - Not Domestic substances list

no substances listed

TSCA inventory

All the components are listed on the TSCA inventory.

TSCA listed substances:

xylene [4] is listed in TSCA Section 8b
n-butyl acetate is listed in TSCA Section 8b
ethylbenzene is listed in TSCA Section 8b, Section 8d HSDR
isobutyl acetate [2] is listed in TSCA Section 8b
2-methoxy-1-methylethyl acetate is listed in TSCA Section 8a - PAIR, Section 8b, Section 8d HSDR
ethyl acetate is listed in TSCA Section 8b
Hydroxyphenyl-benzotriazole derivatives EC No. 400-830-67 (CAS 104810-47-1 + CAS 104810-48-2) is listed in TSCA Section 8b
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (CAS 41556-26-7 + CAS 82919-37-7) is listed in TSCA Section 8b
Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) is listed in TSCA

Section 8b
Fatty acids, tall-oil, compds. with oleylamine is listed in TSCA Section 8b
octamethylcyclotetrasiloxane (D4) is listed in TSCA Section 12b, Section 4 Test, Section 8a - PAIR, Section 8b, Section 8d HSDR
Decamethylcyclopentasiloxane (D5) is listed in TSCA Section 8a - PAIR, Section 8b, Section 8d HSDR
Dodecamethylcyclohexasiloxane (D6) is listed in TSCA Section 8a - PAIR, Section 8b, Section 8d HSDR.

USA - Federal regulations

SARA - Superfund Amendments and Reauthorization Act
Section 302 – Extremely Hazardous Substances: no substances listed.
Section 304 – Hazardous substances: xylene [4], n-butyl acetate, ethylbenzene, isobutyl acetate [2], ethyl acetate.
Section 313 – Toxic chemical list: xylene [4], ethylbenzene.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
Substance(s) listed under CERCLA: xylene [4] - Reportable quantity: 100 pounds
n-butyl acetate - Reportable quantity: 5000 pounds
ethylbenzene - Reportable quantity: 1000 pounds
isobutyl acetate [2] - Reportable quantity: 5000 pounds
ethyl acetate - Reportable quantity: 5000 pounds.
Reportable quantity for mixture: 309.0139365 pounds.

CAA - Clean Air Act
CAA listed substances:
xylene [4] is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON
n-butyl acetate is listed in CAA Section 111
ethylbenzene is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON
isobutyl acetate [2] is listed in CAA Section 111
ethyl acetate is listed in CAA Section 111.

CWA - Clean Water Act
CWA listed substances:
xylene [4] 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
isobutyl acetate [2] is listed in CWA Section 311
ethyl acetate is listed in CWA Section 304.

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:
xylene [4]
n-butyl acetate
ethylbenzene
isobutyl acetate [2]
ethyl acetate.

New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
xylene [4]
n-butyl acetate
ethylbenzene
isobutyl acetate [2]
ethyl acetate.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
xylene [4]
n-butyl acetate
ethylbenzene
isobutyl acetate [2]
ethyl acetate.

Volatile Organic compounds - VOCs = 53.07 %
Volatile Organic compounds - VOCs = 528.09 g/l
Volatile CMR substances = 0.00 %
Organic Carbon - C = 0.43

16. Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H412 Harmful to aquatic life with long lasting effects.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H413 May cause long lasting harmful effects to aquatic life.

Safety Data Sheet dated 2/23/2023, version 2
Sections modified from the previous revision:

2. Hazard identification
3. Composition/Information on ingredients
7. Handling and storage
8. Exposure controls/personal protection
9. Physical and chemical properties
11. Toxicological information
12. Ecological information
14. Transport information
15. Regulatory information

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