



DOLPHIN SPEED GLAZE

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

DRIVING SURFACE PERFECTION

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SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
 Trade name : DOLPHIN SPEED GLAZE
 Product code : UP0654
 UP Number : UP0654
 Product group : bodyfiller

1.2. Recommended use and restrictions on use

Recommended use : Fillers

1.3. Supplier

U-POL Canada Limited
 P.O. Box P.O. BOX 48600
 BC V7X 1T2 Vancouver - Canada
 T 1-800-424-9300
technicalsupport@u-pol.com - www.u-pol.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flammable liquids Category 3	H226
Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 2	H319
Carcinogenicity Category 2	H351
Reproductive toxicity Category 2	H361
Specific target organ toxicity (single exposure) Category 3	H335
Specific target organ toxicity (repeated exposure) Category 1	H372

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) :

- H226 - Flammable liquid and vapor
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H351 - Suspected of causing cancer
- H361 - Suspected of damaging the unborn child
- H372 - Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation)

Precautionary statements (GHS CA) :

- 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.
- P233 - Keep container tightly closed.
- P242 - Use only non-sparking tools.
- P243 - Take action to prevent static discharges.
- P260 - Do not breathe vapors, fume.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear eye protection, protective gloves, protective clothing.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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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.
P332+P313 - If skin irritation 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 dry sand, extinguishing powder, foam to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
talc	agalite / agi talc,BC / alpine talc USP, BC127 / alpine talc USP, BC141 / alpine talc USP, BC662 / B 13 / B 13,mineral / B 9(=talc) / beaver white 200 / beaver white 325 / blueline 200, talc / C.I. 77718 / ceramitalc / ceramitalc 10-A / ceramitalc HDT / ceramitalc no 1 / chematalc 10M, Incemin AG / cimflex 606 / circron MP / CP 10-40 / CP 38-33 / crown talc w83 / crown talc Z / crystalite CRS 6002 / CT 8 (mineral) / cubic master / desertalc 57 / desertall 57 / E 3410 / emtal 500 / emtal 549 / emtal 596 / emtal 599 / EX-IT / fibrene C400 / finntalc C10 / finntalc M05 / finntalc M15 / finntalc P40 / finntalc PF / french chalk / FW-XO / grade steamic OOS / hydrated magnesium silicate / hydrous magnesium silicate / IT extra / LMR 100 / LO micron talc 1 / LO micron talc BC1621 / LO micron talc USP, BC2755 / luzenac 10MOOS / luzenac 1445 / luzenac 20MOOS / luzenac A7 / luzenac M20 / luzenac OXO / luzenac SE MICRO / luzenac steam OOS / luzenac steamic OOS / magnesium silicate (3:4) / magnesium silicate, hydrate / magnesiumsilicate, hydrous / metro / metro talc 4604 / metro talc 4608 / metro talc 4609 / micro ACE K1 / micro ACE L1 / micron white 5000A / micron white 5000P / micron white 5000S / microtalco IT extra / mistron 139 / mistron 2SC / mistron frost P / mistron RCS / mistron star / mistron super frost / mistron vapor / mistron vapor RP6 / MP 12-50 / MP 25-38 / MP 40-27 / MP 45-26 / MP50-30 U16558lc / MST / mussolinite / naintsch A-7 / naintsch A-7C / nicron / nicron 100 compact, talc / nicron 100pwr, talc / nicron JS322, talc / no 907 metro talc / non-asbestiform talc / nonfibrous talc / nytal / nytal 100 / nytal 100HR / nytal 200 / nytal 300 / nytal 300H / nytal 400 / nytal 99 / OOS / OXO / P 3 / P 3, mineral / PK-C / PK-N / polytal 4641 / polytal 4725 / purtalc USP / SCLEROSOL / secupur antibloc / secupur nucleating / sierra C-400 / sierra mistron vapor compact,talc / sierra supreme USP, talc / silica acid, magnesium salt (4:3) / silica, talc, non asbestos / silicate:talc, containing no asbestos / silverline 200,talc / snowgoose / steamic OOS / steaplast 8502 / steawhite / sterline 400 / supreme / supreme dense / supreme, talc / talc (Mg3-H2-(SiO3)4) / Talc (Mg3H2(SiO3)4) / talc (powder), containing no asbestos fibers / talc lubricant / talc U.S.P. / talc, (industrial) / talc, non-asbestiform and less than 1% crystalline silica / talc, not containing asbestiform fibres / talc, not contaminated with more than 1% crystalline silica,asbestos fibres or asbestiform fibres / talc, powder / talcan PK-P / talcron CP44-31 / talcum / TDMCG-95, talc / tital 10, INCEMIN AG / tital 15 / trimagnesium tetrasiliscate / TY 80 / WESTMIN-EF66	(CAS-No.) 14807-96-6	≥ 15	Carc. 2, H351

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
styrene	styrene benzene, ethenyl- / cinnamene / phenylethylene / styrene / styrene, monomer / styrol / vinylbenzene	(CAS-No.) 100-42-5	13 – 30	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapor), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 Repr. 2, H361 STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
sodium borate silicate		(CAS-No.) 50815-87-7	≥ 3	Not classified

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titanium(IV) oxide	1700 WHITE / A051 / A072 / A351 / AC 1 / AC 11 / AC 5 / A-FIL CREAM / AJANTOX / AJANTOX AGP / AJANTOX GR / AJANTOX RUTILE / AN10 / ASD / ASTM D476 / ASTM D76 / atlas white titanium dioxide / AUSTIOX / AUSTIOX ADM / AUSTIOX AE / AUSTIOX AFN3 / AUSTIOX AHR / AUSTIOX ALF / AUSTIOX ALF2 / AUSTIOX APP / AUSTIOX APP2 / AUSTIOX GRANULAR / AUSTIOX RCR / AUSTIOX RCR10 / AUSTIOX RCR2 / AUSTIOX RCR3 / AUSTIOX RCR6 / AUSTIOX RCR60 / AUSTIOX RFC / AUSTIOX RFC2 / AUSTIOX RFC5 / AUSTIOX RHD / AUSTIOX RHD2 / AUSTIOX RHD3 / AUSTIOX RHD4 / AUSTIOX RHD6 / AUSTIOX RMC / AUSTIOX RSM / AUSTIOX RSM2 / AUSTIOX RSM3 / AUSTIOX RTC2 / AUSTIOX RTC30 / AUSTIOX RTC4 / AUSTIOX RTC4U / AUSTIOX RTC50 / AUSTIOX RTC90 / AUSTIOX RXL / AUSTIOX RXW / BAYER titan / BAYER titan A / BAYER titan A2 / BAYER titan AC5522 / BAYER titan AC5581 / BAYER titan AE / BAYER titan AN2 / BAYER titan AN3 / BAYER titan RCK20 / BAYER titan RCL10 / BAYER titan RCL20 / BAYER titan RD / BAYER titan RFD1 / BAYER titan RFD2 / BAYER titan RFDI / BAYER titan R-FK 21 / BAYER titan RFKD / BAYER titan RKB2 / BAYER titan RKB3 / BAYER titan RKB4 / BAYER titan RKBD / BAYER titan RPL1 / BAYER titan RU2 / BAYER titan RUF / BAYER titan T / BAYERITIAN / BAYTITAN / BETA-RUTILE / BROOKITE / C.I. 77891 / C.l. pigment white 6 / CABOT / CALCOTONE WHITE T / COSMETIC WHITE C47-5175 / COSMETIC WHITE C47-9623 / DETI-ANA / DETI-RU / E171 / ET 10 / FA50 / FA55W / FA65 / FA80 / FE150 / FE160 / FINN titan / FINN titan AG / FINN titan AN / FINN titan AP / FINN titan RD / FINN titan RD2 / FINN titan RDD / FINN titan RDDX / FINN titan RDE2 / FINN titan RDI / FINN titan RF / FINN titan RF2 / FINN titan RF2new / FINN titan RF4 / FINN titan RR / FINN titan RR2 / FINN titan RR2S / FINN titan RR3 / FINN titan RRL / FINN titan RU / FLAMENCO / FR22 / FR30 / FR31 / FR41 / FRUF84 / FUJI titan / FUJI titan TA100 / FUJI titan TA200 / FUJI titan TA210 / FUJI titan TA300 / FUJI titan TA400 / FUJI titan TA500 / FUJI titan TE / FUJI titan TP13 / FUJI titan TP2 / FUJI titan TP3 / FUJI titan TR700 / FUJI titan TR780 / FUJI titan TR840 / FURUKAWA / HOMBITAN / HOMBITAN KA / HOMBITAN LOCR / HOMBITAN LOCRK / HOMBITAN LOCRS / HOMBITAN LW / HOMBITAN LWS / HOMBITAN LWSU / HOMBITAN R101 / HOMBITAN R10106 / HOMBITAN R101D / HOMBITAN R110 / HOMBITAN R210 / HOMBITAN R301 / HOMBITAN R301D / HOMBITAN R320 / HOMBITAN R505 / HOMBITAN R506 / HOMBITAN R510 / HOMBITAN R511 / HOMBITAN R610 / HOMBITAN R610D / HOMBITAN R610K / HOMBITAN R610L / HOMBITAN R611 / HOMBITAN R611D / HOMBITAN R710 / HOMBITAN RCL22 / HOMBITAN RCL66 / HOMBITAN SA10 / HOMBITAN SR2 (English US) / HOMBITAN SR16 / HORSE HEAD / HORSE HEAD A-410 / HORSE HEAD A-420 / HORSE HEAD A430 / HORSE HEAD A430C / HORSE HEAD A430FG / HORSE HEAD	(CAS-No.) 13463-67-7	1.5 – 3	Carc. 2, H351
11-10-2020				5/25

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
dolomite	ampel granulime / calcium magnesium carbonate / dolomite (CaMg(CO ₃) ₂) / dolomite 100 calciummagnesiumcarbonate / dolomite 16 mesh / dolomite 16 mesh pool/deck / dolomite 200 calciummagnesiumcarbonate / dolomite 30 calciummagnesiumcarbonate / dolomite ag65 / dolomitic limestone / dolowhite / limestone(=dolomite) / sun rock	(CAS-No.) 16389-88-1	< 1.5	Not classified
hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	SBP6	(CAS-No.) 1174921-73-3	0.5 – 1	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
2-phenoxyethanol	2-phenoxyethanol 1-hydroxy-2-phenoxyethane / 2-hydroxyethyl phenyl ether / 2-phenoxyethanol / 2-phenoxyethyl alcohol / AROSOL / beta-hydroxyethyl phenyl ether / beta-phenoxyethanol / beta-phenoxyethyl alcohol / DOWANOL EP / DOWANOL EPH / EGMPE / EMERESSENCE 1160 / EMERY 6705 / ethanol, 2-phenoxy- / ethylene glycol monophenyl ether / ethylene glycol phenyl ether / fenyl cellosolve / glycol monophenyl ether / monophenylglycol (=2-phenoxyethanol) / phenoxethol / phenoxetol / phenoxyethanol / phenoxyethyl alcohol / phenyl cellosolve / phenylglycol (=2-phenoxyethanol) / phenylmonoglycol ether (=2-phenoxyethanol) / PLASTIAZAN-41 / rose ether	(CAS-No.) 122-99-6	0.1 – 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol, compds. with 2-oxepanone-polyethyleneglycol mono-me ether-polyphosphoric acid reaction product		(CAS-No.) 162627-14-7	0.1 – 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
2,2'-iminodiethanol, diethanolamine	2,2'-iminodiethanol, diethanolamine 2,2'-aminodiethanol / 2,2'-dihydroxydiethylamine / 2,2'-imino-bis(ethanol) / 2,2'-iminodiethanol / amine, diethyl, 2,2-dihydroxy- / aminodiethanol / beta,beta'-dihydroxydiethylamine / bis(2-hydroxyethyl)amine / bis(beta-hydroxyethyl)amine / bis(hydroxyethyl)amine / DELA (=diethanolamine) / di(2-hydroxyethyl)amine / di-2-hydroxyethylamine / diethanolamine / diethylolamine / dihydroxyethylamine / diolamine / ethanol, 2,2'-iminobis- / ethanol, 2,2'-iminodi- / iminodiethanol / N,N-bis(2-hydroxyethyl)amine / N,N-diethanolamine	(CAS-No.) 111-42-2	< 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 2, H351 STOT RE 2, H373
paraffin, wax	microcrystalline wax / paraffin wax / paraffin waxes and hydrocarbon waxes / paraffin, hard / paraffin, viscid / paraffin, white / petrolatum, hard / petrolatum, wax / petroleum, wax / SP-0145 / wax, paraffin / waxes:paraffin	(CAS-No.) 8002-74-2	0.1 – 0.5	Not classified

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
ethyl acetate	ethyl acetate acetic ester / acetic ether / acetic-acid-ethyl-ester- / acetidin / acetoxyethane / acetyl ester / EAC / EtAc / ether of vinegar / ethyl acetate / ethyl acetate acetic ether / ethyl acetic ester / ethyl acetic ester acetidin / ethyl ethanoate / FEMA No 2414 / N-linked oligosaccharide release and labeling kit PMP / N-linked oligosaccharide release and labeling kit PMP-B / protein sequencer reagent S2 / protein sequencer reagent S2B / vinegar naphtha	(CAS-No.) 141-78-6	< 0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
1,4-dihydroxybenzene, hydroquinone, quinol	1,4-dihydroxybenzene, hydroquinone, quinol 1,4-benzenediol / 1,4-dihydroxybenzene / 4-hydroxyphenol / alpha-hydroquinone / arctuin / benzene, p-dihydroxy- / benzoquinone / benzoquinol / beta-quinol / black and white bleaching cream / DIAK 5 / dihydroxy-1,4 benzene / dihydroxybenzene (=hydrochinon) / eldopaque / eldoquin / HE 5 / HQ / hydrochinin / hydroquinole / hydroquinone / para-benzenediol / para-dihydroxybenzene / para-dioxobenzene / para-dioxybenzene / para-hydroquinone / para-hydroxyphenol / p-benzenediol / p-dihydroxybenzene / p-dioxobenzene / p-dioxybenzene / phiaquin / p-hydroquinone / p-hydroxyphenol / pyrogentic acid / quinnone / quinol / tecquinol / tenox HQ / tequinol / USAF EK-356	(CAS-No.) 123-31-9	< 0.1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 Aquatic Acute 1, H400

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: IF exposed or concerned: Get medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Fire hazard	: Flammable liquid and vapor.
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5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors, fume. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
- Storage temperature : < 25 °C
- Storage area : Store in a well-ventilated place.
- Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

styrene (100-42-5)		
Canada (Quebec)	VECD (mg/m ³)	426 mg/m ³
Canada (Quebec)	VECD (ppm)	100 ppm
Canada (Quebec)	VEMP (mg/m ³)	213 mg/m ³
Canada (Quebec)	VEMP (ppm)	50 ppm
Canada (Quebec)	Notations and remarks	Pc, C3
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL STEL (mg/m ³)	170 mg/m ³
Alberta	OEL STEL (ppm)	40 ppm
Alberta	OEL TWA (mg/m ³)	85 mg/m ³
Alberta	OEL TWA (ppm)	20 ppm
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)
British Columbia	OEL STEL (ppm)	40 ppm
British Columbia	OEL TWA (ppm)	20 ppm
British Columbia	Notations and remarks	IARC group 2B carcinogen
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL STEL (ppm)	20 ppm
Manitoba	OEL TWA (ppm)	10 ppm
Manitoba	Notations and remarks	TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Manitoba	Regulatory reference	ACGIH
Newfoundland & Labrador	OEL STEL (ppm)	20 ppm

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styrene (100-42-5)		
Newfoundland & Labrador	OEL TWA (ppm)	10 ppm
Newfoundland & Labrador	Notations and remarks	TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL STEL (ppm)	20 ppm
Nova Scotia	OEL TWA (ppm)	10 ppm
Nova Scotia	Notations and remarks	TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL STEL (ppm)	40 ppm
Nunavut	OEL TWA (ppm)	20 ppm
Nunavut	Notations and remarks	Designated substance
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL STEL (ppm)	40 ppm
Northwest Territories	OEL TWA (ppm)	20 ppm
Northwest Territories	Notations and remarks	Designated substance
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL STEL (ppm)	100 ppm
Ontario	OEL TWA (ppm)	35 ppm
Ontario	Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Prince Edward Island	OEL STEL (ppm)	20 ppm
Prince Edward Island	OEL TWA (ppm)	10 ppm
Prince Edward Island	Notations and remarks	TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL STEL (ppm)	40 ppm
Saskatchewan	OEL TWA (ppm)	20 ppm
Saskatchewan	Notations and remarks	Designated Chemical Substance
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
2-phenoxyethanol (122-99-6)		
Ontario	OEL TWA (mg/m ³)	141 mg/m ³
Ontario	OEL TWA (ppm)	25 ppm
Ontario	Notations and remarks	Skin
Ontario	Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
ethyl acetate (141-78-6)		
Canada (Quebec)	VEMP (mg/m ³)	1440 mg/m ³
Canada (Quebec)	VEMP (ppm)	400 ppm
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL TWA (mg/m ³)	1440 mg/m ³
Alberta	OEL TWA (ppm)	400 ppm
Alberta	Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)

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ethyl acetate (141-78-6)		
British Columbia	OEL TWA (ppm)	150 ppm
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL TWA (ppm)	400 ppm
Manitoba	Notations and remarks	TLV® Basis: URT & eye irr
Manitoba	Regulatory reference	ACGIH
New Brunswick	OEL TWA (ppm)	400 ppm
New Brunswick	Notations and remarks	URT & eye irr
Newfoundland & Labrador	OEL TWA (ppm)	400 ppm
Newfoundland & Labrador	Notations and remarks	TLV® Basis: URT & eye irr
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL TWA (ppm)	400 ppm
Nova Scotia	Notations and remarks	TLV® Basis: URT & eye irr
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL STEL (ppm)	500 ppm
Nunavut	OEL TWA (ppm)	400 ppm
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL STEL (ppm)	500 ppm
Northwest Territories	OEL TWA (ppm)	400 ppm
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL TWA (ppm)	400 ppm
Ontario	Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Prince Edward Island	OEL TWA (ppm)	400 ppm
Prince Edward Island	Notations and remarks	TLV® Basis: URT & eye irr
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL STEL (ppm)	500 ppm
Saskatchewan	OEL TWA (ppm)	400 ppm
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)		
Canada (Quebec)	VEMP (mg/m ³)	2 mg/m ³
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL TWA (mg/m ³)	2 mg/m ³
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)
British Columbia	OEL TWA (mg/m ³)	1 mg/m ³
British Columbia	Notations and remarks	S(D) (dermal sensitization)
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL TWA (mg/m ³)	1 mg/m ³
Manitoba	Notations and remarks	TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Manitoba	Regulatory reference	ACGIH
Newfoundland & Labrador	OEL TWA (mg/m ³)	1 mg/m ³
Newfoundland & Labrador	Notations and remarks	TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL TWA (mg/m ³)	1 mg/m ³

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1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)		
Nova Scotia	Notations and remarks	TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL STEL (mg/m³)	4 mg/m³
Nunavut	OEL TWA (mg/m³)	2 mg/m³
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL STEL (mg/m³)	4 mg/m³
Northwest Territories	OEL TWA (mg/m³)	2 mg/m³
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL TWA (mg/m³)	1 mg/m³
Ontario	Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Prince Edward Island	OEL TWA (mg/m³)	1 mg/m³
Prince Edward Island	Notations and remarks	TLV® Basis: Eye irr; eye dam. Notations: DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL STEL (mg/m³)	4 mg/m³
Saskatchewan	OEL TWA (mg/m³)	2 mg/m³
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
paraffin, wax (8002-74-2)		
Canada (Quebec)	VEMP (mg/m³)	2 mg/m³
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL TWA (mg/m³)	2 mg/m³
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)
British Columbia	OEL TWA (mg/m³)	2 mg/m³
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL TWA (mg/m³)	2 mg/m³
Manitoba	Notations and remarks	TLV® Basis: URT irr; nausea
Manitoba	Regulatory reference	ACGIH
New Brunswick	OEL TWA (mg/m³)	2 mg/m³
New Brunswick	Notations and remarks	URT irr; nausea
Newfoundland & Labrador	OEL TWA (mg/m³)	2 mg/m³
Newfoundland & Labrador	Notations and remarks	TLV® Basis: URT irr; nausea
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL TWA (mg/m³)	2 mg/m³
Nova Scotia	Notations and remarks	TLV® Basis: URT irr; nausea
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL STEL (mg/m³)	4 mg/m³
Nunavut	OEL TWA (mg/m³)	2 mg/m³
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL STEL (mg/m³)	4 mg/m³
Northwest Territories	OEL TWA (mg/m³)	2 mg/m³
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL TWA (mg/m³)	2 mg/m³

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paraffin, wax (8002-74-2)		
Ontario	Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Prince Edward Island	OEL TWA (mg/m ³)	2 mg/m ³
Prince Edward Island	Notations and remarks	TLV® Basis: URT irr; nausea
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL STEL (mg/m ³)	4 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
titanium(IV) oxide (13463-67-7)		
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³ Td
Canada (Quebec)	Notations and remarks	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
Alberta	Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)
British Columbia	OEL TWA (mg/m ³)	10 mg/m ³ Total dust
British Columbia	Notations and remarks	IARC group 2B carcinogen
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL TWA (mg/m ³)	10 mg/m ³
Manitoba	Notations and remarks	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Manitoba	Regulatory reference	ACGIH
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
New Brunswick	Notations and remarks	LRT irr
Newfoundland & Labrador	OEL TWA (mg/m ³)	10 mg/m ³
Newfoundland & Labrador	Notations and remarks	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL TWA (mg/m ³)	10 mg/m ³
Nova Scotia	Notations and remarks	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL TWA (mg/m ³)	10 mg/m ³
Ontario	Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Prince Edward Island	OEL TWA (mg/m ³)	10 mg/m ³
Prince Edward Island	Notations and remarks	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³

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titanium(IV) oxide (13463-67-7)		
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
2,2'-iminodiethanol, diethanolamine (111-42-2)		
Canada (Quebec)	VEMP (mg/m ³)	13 mg/m ³
Canada (Quebec)	VEMP (ppm)	3 ppm
Canada (Quebec)	Notations and remarks	Pc
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL TWA (mg/m ³)	2 mg/m ³
Alberta	Notations and remarks	Substance may be readily absorbed through intact skin.
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)
British Columbia	OEL TWA (mg/m ³)	2 mg/m ³
British Columbia	Notations and remarks	Skin; IARC group 2B carcinogen
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL TWA (mg/m ³)	1 mg/m ³ (IFV - Inhalable fraction and vapor)
Manitoba	Notations and remarks	TLV® Basis: Liver & kidney dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Manitoba	Regulatory reference	ACGIH
Newfoundland & Labrador	OEL TWA (mg/m ³)	1 mg/m ³ (IFV - Inhalable fraction and vapor)
Newfoundland & Labrador	Notations and remarks	TLV® Basis: Liver & kidney dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL TWA (mg/m ³)	1 mg/m ³ (IFV - Inhalable fraction and vapor)
Nova Scotia	Notations and remarks	TLV® Basis: Liver & kidney dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL STEL (mg/m ³)	4 mg/m ³
Nunavut	OEL TWA (mg/m ³)	2 mg/m ³
Nunavut	Notations and remarks	Skin
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL STEL (mg/m ³)	4 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	2 mg/m ³
Northwest Territories	Notations and remarks	Skin
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL TWA (mg/m ³)	1 mg/m ³ (IFV - Inhalable fraction and vapour)
Ontario	Notations and remarks	Skin
Ontario	Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Prince Edward Island	OEL TWA (mg/m ³)	1 mg/m ³ (IFV - Inhalable fraction and vapor)
Prince Edward Island	Notations and remarks	TLV® Basis: Liver & kidney dam. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL STEL (mg/m ³)	4 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³
Saskatchewan	Notations and remarks	Skin
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

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talc (14807-96-6)		
Canada (Quebec)	VEMP (mg/m ³)	3 mg/m ³ Rd
Canada (Quebec)	Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Alberta	OEL TWA (mg/m ³)	2 mg/m ³ Respirable particulate containing no asbestos fibres
Alberta	Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)
British Columbia	OEL TWA (mg/m ³)	2 mg/m ³ Respirable (E - the value is for particulate matter containing no asbestos and less than 1% crystalline silica)
British Columbia	Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Manitoba	OEL TWA (mg/m ³)	2 mg/m ³ (Containing no asbestos fibers. E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter)
Manitoba	OEL TWA (ppm)	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Manitoba	Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Manitoba	Regulatory reference	ACGIH
New Brunswick	OEL TWA (mg/m ³)	2 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	2 mg/m ³ (Containing no asbestos fibers. E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter)
Newfoundland & Labrador	OEL TWA (ppm)	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Newfoundland & Labrador	Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Newfoundland & Labrador	Regulatory reference	ACGIH
Nova Scotia	OEL TWA (mg/m ³)	2 mg/m ³ (Containing no asbestos fibers. E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter)
Nova Scotia	OEL TWA (ppm)	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Nova Scotia	Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Nova Scotia	Regulatory reference	ACGIH
Nunavut	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Nunavut	Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Northwest Territories	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Northwest Territories	Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Ontario	OEL TWA (mg/m ³)	2 mg/m ³ (R - Respirable fraction) (E - The value is for particulate matter containing no asbestos and < 1 per cent crystalline silica)
Ontario	Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Prince Edward Island	OEL TWA (mg/m ³)	2 mg/m ³ (Containing no asbestos fibers. E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter)
Prince Edward Island	OEL TWA (ppm)	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)

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talc (14807-96-6)		
Prince Edward Island	Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Prince Edward Island	Regulatory reference	ACGIH
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Saskatchewan	Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

Materials for protective clothing:

Impermeable clothing

Hand protection:

Protective gloves

Type	Material	Permeation	Thickness (mm)	Permeation
Protective gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR), Polyvinylalcohol (PVA), Viton	6 (> 480 minutes)	0.4	

Eye protection:

Safety glasses

Type	Use	Characteristics
Safety glasses	Dust	clear

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection.

Device	Filter type	Condition
Breathing apparatus, Gas filters	Type A - High-boiling (>65 °C) organic compounds	vapor protection

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: light blue
Odor	: aromatic
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: 32 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.225 (1.2 – 1.25) g/cm ³
Solubility	: insoluble in water. Soluble in aromatic hydrocarbons.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 41836.735 mm ² /s
Viscosity, dynamic	: 51250 (47500 – 55000) cP
Explosion limits	: No data available

9.2. Other information

As Packaged Regulatory VOC	: 189 g/l (1.58 lb/gal)
As Packaged Actual VOC	: 189 g/l (1.58 lb/gal)
As Applied Regulatory VOC	: 30 g/l (0.25 lb/gal)
As Applied Actual VOC	: 30 g/l (0.25 lb/gal)
Water Content	0 wt%
Exempt Compounds by volume	: 0 vol %
Exempt Compounds by weight	: 0 wt%
Volatiles	: 16.3 wt%
% HAPS	: 13.61 wt%
Percent Solids	: 83.68 wt%

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: Flammable liquid and vapor.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

styrene (100-42-5)	
LD50 oral	> 6000 mg/kg body weight Animal: hamster, Syrian, Animal sex: male
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	11.8 mg/l (4 h, Rat, Inconclusive, insufficient data, Inhalation (vapours))
ATE CA (<tx: _INHAL_CONDITION_vaporS_TR>)	11.8 mg/l/4h
ATE CA (dust,mist)	11.8 mg/l/4h
fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol, compds. with 2-oxepanone-polyethyleneglycol mono-methoxy-polyphosphoric acid reaction product (162627-14-7)	
ATE CA (oral)	500 mg/kg body weight
2-phenoxyethanol (122-99-6)	
LD50 oral rat	1850 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	14391 mg/kg body weight Animal: rat

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2-phenoxyethanol (122-99-6)	
LD50 dermal rabbit	> 2214 mg/kg body weight Animal: rabbit, Guideline: other:Draft IRLG (Interagency Regulatory Liaison Group) Guidelines for Selected Acute Toxicity Tests (August. 1979)
LC50 Inhalation - Rat	> 1 mg/l air Animal: rat, Guideline: other:OECD 412
ATE CA (oral)	1850 mg/kg body weight
ATE CA (Dermal)	14391 mg/kg body weight

ethyl acetate (141-78-6)	
LD50 oral rat	10200 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Female, Experimental value, Oral)
LD50 oral	4934 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 20000 mg/kg body weight Animal: rabbit, Animal sex: male
ATE CA (oral)	10200 mg/kg body weight

1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)	
LD50 oral rat	> 375 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
ATE CA (oral)	500 mg/kg body weight

hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (1174921-73-3)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat (Vapours)	> 4.951 mg/l/4h (OECD Guideline 403 (Acute Inhalation Toxicity), 4h, rat, male/female, inhalation (vapours))

paraffin, wax (8002-74-2)	
LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

titanium(IV) oxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LC50 Inhalation - Rat	> 6.82 mg/l (Other, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))

2,2'-iminodiethanol, diethanolamine (111-42-2)	
LD50 oral rat	1600 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
ATE CA (oral)	1600 mg/kg body weight

dolomite (16389-88-1)	
LD50 oral rat	> 2000 mg/kg (OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), rat, female, Experimental value)

talc (14807-96-6)	
LD50 oral rat	> 5000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2.1 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 15 day(s))

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.

2,2'-iminodiethanol, diethanolamine (111-42-2)	
NOAEL (chronic,oral,animal/male,2 years)	64 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies), Remarks on results: other:Effect type: carcinogenicity (migrated information)

Reproductive toxicity	: Suspected of damaging the unborn child.
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2-phenoxyethanol (122-99-6)	
LOAEL (animal/male, F1)	≈ 1875 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: other:Reproductive Assessment by Continuous Breeding (RACB); protocol devised by the NTP

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2-phenoxyethanol (122-99-6)	
LOAEL (animal/female, F1)	≈ 1875 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: other:Reproductive Assessment by Continuous Breeding (RACB); protocol devised by the NTP
NOAEL (animal/female, F0/P)	≈ 1875 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: other:Reproductive Assessment by Continuous Breeding (RACB); protocol devised by the NTP

STOT-single exposure : May cause respiratory irritation.

styrene (100-42-5)	
STOT-single exposure	May cause respiratory irritation.

ethyl acetate (141-78-6)	
STOT-single exposure	May cause drowsiness or dizziness.

hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (1174921-73-3)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation).

styrene (100-42-5)	
LOAEL (oral, rat, 90 days)	2000 mg/kg body weight Animal: rat
LOAEC (inhalation, rat, vapor, 90 days)	0.21 mg/l air Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat
NOAEL (subchronic, oral, animal/male, 90 days)	10 mg/kg body weight Animal: mouse, Animal sex: male
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

2-phenoxyethanol (122-99-6)	
LOAEL (oral, rat, 90 days)	> 700 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
LOAEL (dermal, rat/rabbit, 90 days)	> 500 mg/kg body weight Animal: rabbit
NOAEL (oral, rat, 90 days)	700 mg/kg body weight/day
NOAEL (dermal, rat/rabbit, 90 days)	500 mg/kg body weight Animal: rabbit
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0482 mg/l/6h/day

ethyl acetate (141-78-6)	
LOAEL (oral, rat, 90 days)	3600 mg/kg body weight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)
NOAEL (oral, rat, 90 days)	900 mg/kg body weight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)

2,2'-iminodiethanol, diethanolamine (111-42-2)	
LOAEL (dermal, rat/rabbit, 90 days)	32 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.003 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified.

DOLPHIN SPEED GLAZE	
Viscosity, kinematic	41836.735 mm ² /s

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

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Hazardous to the aquatic environment, long-term (chronic) : Not classified

styrene (100-42-5)	
LC50 fish 1	10 mg/l Test organisms (species): Pimephales promelas
EC50 Daphnia 1	4.7 mg/l Test organisms (species): Daphnia magna
ErC50 (algae)	4.9 mg/l (EPA OTS 797.1050, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
EC50 72h algae 1	4.9 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h algae (1)	6.3 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	1.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
BCF fish 1	35.5 (Carassius auratus, Literature study)
Partition coefficient n-octanol/water (Log Pow)	2.96 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Partition coefficient n-octanol/water (Log Koc)	2.55 (log Koc, Estimated value)
LOEC (chronic)	2.06 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

2-phenoxyethanol (122-99-6)	
LC50 fish 1	344 mg/l Test organisms (species): Pimephales promelas
EC50 Daphnia 1	> 500 mg/l Test organisms (species): Daphnia magna
ErC50 (algae)	625 mg/l (EU Method C.3, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Growth rate)
Partition coefficient n-octanol/water (Log Pow)	1.2 (Experimental value, EU Method A.8: Partition Coefficient, 23 °C)
Partition coefficient n-octanol/water (Log Koc)	1.6 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

ethyl acetate (141-78-6)	
LC50 fish 1	230 mg/l Test organisms (species): Pimephales promelas
EC50 Daphnia 1	154 mg/l (48 h, Daphnia magna, Literature)
NOEC (chronic)	2.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
BCF fish 1	30 (3 day(s), Leuciscus idus, Static system, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	0.68 (Experimental value, EPA OPPTS 830.7560, 25 °C)

1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)	
LC50 fish 1	0.638 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	0.134 mg/l Test organisms (species): Daphnia magna
EC50 Daphnia 2	0.061 mg/l Test organisms (species): Daphnia magna
ErC50 (algae)	0.33 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
EC50 72h algae 1	0.335 mg/l (Daphnia magna, 72h)
Bioconcentration factor (BCF REACH)	40
Partition coefficient n-octanol/water (Log Pow)	0.59 (Experimental value, 20 - 25 °C)
Partition coefficient n-octanol/water (Log Koc)	1.585 (log Koc, SRC PCKOCWIN v2.0, Experimental value)

hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (1174921-73-3)	
LC50 fish 1	10 – 100 mg/l
EC50 72h algae 1	> 100 mg/l
NOEC chronic fish	1 mg/l

paraffin, wax (8002-74-2)	
Partition coefficient n-octanol/water (Log Pow)	> 6 (Calculated)

titanium(IV) oxide (13463-67-7)	
LC50 fish 1	155 mg/l Test organisms (species): other:Japanese Medaka
EC50 Daphnia 1	19.3 mg/l Test organisms (species): Daphnia magna
EC50 Daphnia 2	27.8 mg/l Test organisms (species): Daphnia magna
ErC50 (algae)	61 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 72h algae 1	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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2,2'-iminodiethanol, diethanolamine (111-42-2)	
LC50 fish 1	460 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	30.1 mg/l Test organisms (species): Ceriodaphnia dubia
EC50 Daphnia 2	89.9 mg/l Test organisms (species): Ceriodaphnia dubia
ErC50 (algae)	9.5 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 72h algae 1	9.5 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h algae (2)	2.7 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h algae (1)	9.7 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h algae (2)	2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC chronic fish	> 1 mg/l Test organisms (species): other:freshwater fish
NOEC (chronic)	0.78 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
BCF fish 1	3.162 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-2.18 – -1.43 (Experimental value)
Partition coefficient n-octanol/water (Log Koc)	0.98 – 1 (log Koc, Calculated value)
LOEC (chronic)	1.56 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

talc (14807-96-6)	
LC50 fish 1	89581 mg/l (ECOSAR v1.00, 96 h, Pisces, Fresh water, QSAR)
EC50 96h algae (1)	7203 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)
BCF other aquatic organisms 1	3.162 l/kg (BCFBAF v3.01, Fresh water, QSAR)
Partition coefficient n-octanol/water (Log Pow)	-9.4 (QSAR, KOWWIN, 25 °C)

12.2. Persistence and degradability

styrene (100-42-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Chemical oxygen demand (COD)	2.8 g O ₂ /g substance
ThOD	3.07 g O ₂ /g substance
BOD (% of ThOD)	0.42 (Literature study)

2-phenoxyethanol (122-99-6)	
Persistence and degradability	Readily biodegradable in water.

ethyl acetate (141-78-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.293 g O ₂ /g substance
Chemical oxygen demand (COD)	1.69 g O ₂ /g substance
ThOD	1.82 g O ₂ /g substance

1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)	
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.48 – 1.1 g O ₂ /g substance
Chemical oxygen demand (COD)	1.83 g O ₂ /g substance
ThOD	1.89 g O ₂ /g substance

paraffin, wax (8002-74-2)	
Persistence and degradability	Biodegradable in the soil. Not readily biodegradable in water.

titanium(IV) oxide (13463-67-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

2,2'-iminodiethanol, diethanolamine (111-42-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.22 g O ₂ /g substance
Chemical oxygen demand (COD)	1.52 g O ₂ /g substance

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2,2'-iminodiethanol, diethanolamine (111-42-2)	
ThOD	2.13 g O ₂ /g substance

dolomite (16389-88-1)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

talc (14807-96-6)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

styrene (100-42-5)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
BCF fish 1	35.5 (Carassius auratus, Literature study)
Partition coefficient n-octanol/water (Log Pow)	2.96 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Partition coefficient n-octanol/water (Log Koc)	2.55 (log Koc, Estimated value)

2-phenoxyethanol (122-99-6)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	1.2 (Experimental value, EU Method A.8: Partition Coefficient, 23 °C)
Partition coefficient n-octanol/water (Log Koc)	1.6 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

ethyl acetate (141-78-6)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF fish 1	30 (3 day(s), Leuciscus idus, Static system, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	0.68 (Experimental value, EPA OPPTS 830.7560, 25 °C)

1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Bioconcentration factor (BCF REACH)	40
Partition coefficient n-octanol/water (Log Pow)	0.59 (Experimental value, 20 - 25 °C)
Partition coefficient n-octanol/water (Log Koc)	1.585 (log Koc, SRC PCKOCWIN v2.0, Experimental value)

paraffin, wax (8002-74-2)	
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
Partition coefficient n-octanol/water (Log Pow)	> 6 (Calculated)

titanium(IV) oxide (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.

2,2'-iminodiethanol, diethanolamine (111-42-2)	
Bioaccumulative potential	Not bioaccumulative.
BCF fish 1	3.162 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-2.18 – -1.43 (Experimental value)
Partition coefficient n-octanol/water (Log Koc)	0.98 – 1 (log Koc, Calculated value)

dolomite (16389-88-1)	
Bioaccumulative potential	No bioaccumulation data available.

talc (14807-96-6)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF other aquatic organisms 1	3.162 l/kg (BCFBAF v3.01, Fresh water, QSAR)
Partition coefficient n-octanol/water (Log Pow)	-9.4 (QSAR, KOWWIN, 25 °C)

12.4. Mobility in soil

styrene (100-42-5)	
Surface tension	0.032 N/m (20 °C)
Ecology - soil	Low potential for adsorption in soil.
Partition coefficient n-octanol/water (Log Koc)	2.55 (log Koc, Estimated value)

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styrene (100-42-5)	
Partition coefficient n-octanol/water (Log Pow)	2.96 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
2-phenoxyethanol (122-99-6)	
Surface tension	70.7 mN/m (19.9 °C, 1 g/l, EU Method A.5: Surface tension)
Ecology - soil	Highly mobile in soil.
Partition coefficient n-octanol/water (Log Koc)	1.6 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Partition coefficient n-octanol/water (Log Pow)	1.2 (Experimental value, EU Method A.8: Partition Coefficient, 23 °C)
ethyl acetate (141-78-6)	
Surface tension	0.024 N/m (20 °C)
Ecology - soil	Low potential for adsorption in soil.
Partition coefficient n-octanol/water (Log Pow)	0.68 (Experimental value, EPA OPPTS 830.7560, 25 °C)
1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)	
Ecology - soil	Highly mobile in soil.
Partition coefficient n-octanol/water (Log Koc)	1.585 (log Koc, SRC PCKOCWIN v2.0, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	0.59 (Experimental value, 20 - 25 °C)
paraffin, wax (8002-74-2)	
Surface tension	0.031 N/m (54 °C)
Ecology - soil	No (test)data on mobility of the substance available.
Partition coefficient n-octanol/water (Log Pow)	> 6 (Calculated)
titanium(IV) oxide (13463-67-7)	
Ecology - soil	Low potential for mobility in soil.
2,2'-iminodiethanol, diethanolamine (111-42-2)	
Ecology - soil	Highly mobile in soil.
Partition coefficient n-octanol/water (Log Koc)	0.98 – 1 (log Koc, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	-2.18 – -1.43 (Experimental value)
talc (14807-96-6)	
Ecology - soil	Adsorbs into the soil.
Partition coefficient n-octanol/water (Log Pow)	-9.4 (QSAR, KOWWIN, 25 °C)

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

UN-No. (TDG) : UN1866
Packing group : III - Minor Danger
TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids
Transport document description : UN1866 RESIN SOLUTION (flammable), 3, III
Proper Shipping Name (Transportation of Dangerous Goods) : RESIN SOLUTION
flammable
Hazard labels (TDG) : 3 - Flammable liquids



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Explosive Limit and Limited Quantity Index : 5 L
Excepted quantities (TDG) : E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 60 L

14.2. Transport information/DOT

Department of Transport

DOT NA No : UN1866
UN-No.(DOT) : 1866
Packing group (DOT) : III - Minor Danger
Transport document description : UN1866 Resin solution (flammable), 3, III
Proper Shipping Name (DOT) : Resin solution
flammable
Contains Statement Field Selection (DOT) :
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Division (DOT) : 3
Hazard labels (DOT) : 3 - Flammable liquid



Dangerous for the environment : No
DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 173
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Emergency Response Guide (ERG) Number : 127
Other information : No supplementary information available.

14.3. Air and sea transport

IMDG

UN-No. (IMDG) : 1866
Proper Shipping Name (IMDG) : RESIN SOLUTION
Transport document description (IMDG) : UN 1866 RESIN SOLUTION, 3, III
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : III - substances presenting low danger

IATA

UN-No. (IATA) : 1866
Proper Shipping Name (IATA) : Resin solution
Transport document description (IATA) : UN 1866 Resin solution, 3, III

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Class (IATA) : 3 - Flammable Liquids

Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. National regulations

styrene (100-42-5)

Listed on the Canadian DSL (Domestic Substances List)

fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol, compds. with 2-oxepanone-polyethyleneglycol mono-methoxy-polyphosphoric acid reaction product (162627-14-7)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

2-phenoxyethanol (122-99-6)

Listed on the Canadian DSL (Domestic Substances List)

ethyl acetate (141-78-6)

Listed on the Canadian DSL (Domestic Substances List)

1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)

Listed on the Canadian DSL (Domestic Substances List)

Canada DSL & NDSL Flags | Significant New Activity (SNAc) provisions of the DSL Act apply to a substance that was already on the DSL

hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (1174921-73-3)

Listed on the Canadian DSL (Domestic Substances List)

paraffin, wax (8002-74-2)

Listed on the Canadian DSL (Domestic Substances List)

sodium borate silicate (50815-87-7)

Listed on the Canadian DSL (Domestic Substances List)

titanium(IV) oxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

2,2'-iminodiethanol, diethanolamine (111-42-2)

Listed on the Canadian DSL (Domestic Substances List)

dolomite (16389-88-1)

Listed on the Canadian NDSL (Non-Domestic Substances List)

talca (14807-96-6)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

styrene (100-42-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol, compds. with 2-oxepanone-polyethyleneglycol mono-methoxy-polyphosphoric acid reaction product (162627-14-7)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

2-phenoxyethanol (122-99-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

ethyl acetate (141-78-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

1,4-dihydroxybenzene, hydroquinone, quinol (123-31-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (1174921-73-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

paraffin, wax (8002-74-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

sodium borate silicate (50815-87-7)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

titanium(IV) oxide (13463-67-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

2,2'-iminodiethanol, diethanolamine (111-42-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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dolomite (16389-88-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

talc (14807-96-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

SDS Major/Minor : None
Issue date : 06-02-2018
Revision date : 11-05-2020
Supersedes : 08-13-2019

Full text of H-phrases:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

SDS Canada U-POL

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.