Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015 Issue date: 10/16/2019 Revision date: 3/22/2022 update 01/13/2023

Version: 1.1

1.1. Identification		
Product form Product name Product code	: Mixture : 1K E-Coat Primer (white, light green, olive green, gray, black, tan) : 3680230, 3680231, 3680232, 3680233, 3680234, 3680235 / REZ1135	
1.2. Recommended use and restrict	ions on use	
Recommended use	: Automotive refinish	
1.3. Supplier		
Manufacturer Peter Kwasny GmbH 96 Heibronner Str. Gundelsheim, 74831 - Germany T 49(0) 6269-95-20	Distributor Peter Kwasny Inc. 62-64 Enter Lane Islandia, NY 11749 T 1-844-726-6330 (tollfree North America) Distributor Peter Kwasny Spraypaint Canada Inc 40 University Avenue, Suite 904 Toronto, ON M5J 1T1	
1.4. Emergency telephone number		
Emergency number SECTION 2: Hazard(s) identifica 2.1. Classification of the substance		
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Emergency number SECTION 2: Hazard(s) identificat 2.1. Classification of the substance GHS classification Flam. Aerosol 1 Press. Gas (Liq.) Eye Irrit. 2A Carc. 2 Repr. 2 STOT SE 3 Simple Asphy 2.2. GHS Label elements, including GHS labelling	tion or mixture	

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	Suspected of causing cancer.
	Suspected of damaging the unborn child.
	May displace oxygen and cause rapid suffocation
Precautionary statements (GHS)	: Obtain special instructions before use.
	Do not handle until all safety precautions have been read and understood.
	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	Do not spray on an open flame or other ignition source.
	Do not pierce or burn, even after use.
	Avoid breathing dust/fume/gas/mist/vapours/spray.
	Wash hands, forearms and face thoroughly after handling.
	Use only outdoors or in a well-ventilated area.
	Wear protective gloves/protective clothing/eye protection/face protection.
	If exposed or concerned: Get medical advice/attention.
	If inhaled: Remove person to fresh air and keep comfortable for breathing.
	Call a poison center or doctor if you feel unwell.
	IF IN EYES: 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.
	Store in a well-ventilated place. Keep container tightly closed.
	Store locked up.
	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
	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 which do not result in classification

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Dimethyl ether	Dimethyl ether Methane, oxybis- / Methyl ether / Wood ether / Methoxymethane / Methane, 1,1'-oxybis- / DIMETHYL ETHER / Oxybismethane / Dimethyl oxide / Butylene	CAS-No.: 115-10-6	30 – 60
Acetone	Acetone Dimethyl ketone / 2-Propanone / ACETONE / Propan- 2-one / Propanone	CAS-No.: 67-64-1	10 – 30
Titanium Dioxide	Titanium Dioxide C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO2) / CI 77891 / Titanium(IV) oxide / C.I. Pigment White 7 / Pigment White 6 / Titanium dioxide nanoparticles / Titanium oxide / Titanium dioxide(2)	CAS-No.: 13463-67-7	3 – 7

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Name	Chemical name / Synonyms	Product identifier	%
n-Butyl acetate	n-Butyl acetate 1-Butyl acetate / Butyl acetate, n- / Normal butyl acetate / Butyl acetate / BUTYL ACETATE / Acetic acid, n-butyl ester / Acetic acid, butyl ester / Butyl ethanoate / Acetato de n-butilo	CAS-No.: 123-86-4	3 – 7
Solvent naphtha, petroleum, light aromatic	Solvent naphtha, petroleum, light aromatic Solvent naphtha (petroleum), light aromatic / Light aromatic solvent naphtha / Aromatic 100 / Hydrocarbons, C9, aromatics / Aromatic naphtha, type I / Solvent naphtha, petroleum, light aromatic- low boiling point hydrogen treated naphtha / Light aromatic solvent naphtha (petroleum) (C8-10) / Solvent naphtha, petroleum, light aromatic (A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8-10 and boiling in the range of approximately 135-210°C.) / Solvent naphtha (petroleum), light aromatic; Low boiling point naphtha - unspecified [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic treams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).] / Solvent naphtha (petroleum), light aromatic, hydrotreated	CAS-No.: 64742-95-6	1-5
Propylene glycol monomethyl ether acetate	Propylene glycol monomethyl ether acetate Acetate, 1-methoxy-2-propyl / Acetic acid, 2-methoxy- 1-methylethyl ester / 2-Methoxy-1-methylethyl acetate / 1-Methoxy-2-acetoxypropane / 1-Methoxy-2-propanol acetate / 1-Methoxypropyl-2-acetate / 2-Propanol, 1- methoxy-, acetate / Propylene glycol methyl ether acetate / 1-Methoxypropylacetate / 1-Methoxy-2-propyl acetate / Methoxyisopropyl acetate / 1-Methoxypropyl acetate / 2-Propanol, 1-methoxy-, 2-acetate / 2-Acetic acid methoxy-1-methylethyl ester / METHOXYISOPROPYL ACETATE / Propylene glycol methyl ether acetate, .alphaisomer / PGMEA / 1- Methoxypropan-2-yl acetate / Acetic acid, 2- methoxyisopropyl ester / 1-Methoxypropan-2-ol acetate / Propylene glycol methyl ether acetate (all isomers)	CAS-No.: 108-65-6	0.5 – 1.5
Ethylene glycol monobutyl ether acetate	Ethylene glycol monobutyl ether acetate Acetate, 2-butoxyethyl / Acetic acid, 2-butoxyethyl ester / 2-Butoxyethanol acetate / 2-Butoxyethyl acetate / Butyl glycol acetate / Ethanol, 2-butoxy-, acetate / Ethylene glycol butyl ether acetate / Butoxyethyl acetate / Ethanol, 2-butoxy-, 1-acetate / BUTOXYETHYL ACETATE / EGBEA / Butyl Cellosolve acetate / 1-Butoxy-2-ethylacetate	CAS-No.: 112-07-2	0.5 – 1.5
Benzene, 1,2,4-trimethyl-	Benzene, 1,2,4-trimethyl- Pseudocumene / as-Trimethylbenzene / 1,2,4- Trimethylbenzene / Trimethylbenzene, 1,2,4-	CAS-No.: 95-63-6	0.5 – 1.5

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Name	Chemical name / Synonyms	Product identifier	%
Xylenes (o-, m-, p- isomers)	Xylenes (o-, m-, p- isomers) Benzene, dimethyl- / Dimethylbenzene (mixed isomers) / Xylene / Xylene (all isomers) / Xylene (mixed isomers) / Xylene (o-, m-, p- isomers) / Xylenes / Xylenes (mixed isomers) / Dimethylbenzene / Xylol / Benzene, dimethyl-, mixed isomers / XYLENE / Dimethylbenzenes / Xylene isomers mixture / Dimethylbenzene (2-, 3-, 4-isomers) / Dimethylbenzene (mixed 2-, 3-, 4-isomers) / C8 Disubstituted benzenes / Xylene, mixed isomers / Xylenes (meta-, ortho-, para-) / Xylene (mixture), including m-xylene, o-xylene, p- xylene	CAS-No.: 1330-20-7	0.1 – 1
Benzyl alcohol	Benzyl alcohol Benzenecarbinol / Benzenemethanol / Methanol, phenyl- / Phenylmethanol / Phenylmethyl alcohol / BENZYL ALCOHOL / .alphaHydroxytoluene / Benzylalcohol	CAS-No.: 100-51-6	0.1 – 1
Ethylbenzene	Ethylbenzene Benzene, ethyl- / Phenylethane / ETHYLBENZENE	CAS-No.: 100-41-4	0.1 – 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: 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	: Not expected to be a primary route of exposure. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you fee
	unwell.
4.2. Most important symptoms and eff	
4.2. Most important symptoms and eff Symptoms/effects after inhalation	
	 fects (acute and delayed) Yapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. May cause irritation to the respiratory tract. May cause
Symptoms/effects after inhalation	 fects (acute and delayed) Yapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. May cause irritation to the respiratory tract. May cause drowsiness or dizziness.
Symptoms/effects after inhalation Symptoms/effects after skin contact	 fects (acute and delayed) Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. May cause irritation to the respiratory tract. May cause drowsiness or dizziness. May cause skin irritation. Repeated exposure may cause skin dryness or cracking. Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	j media
Suitable extinguishing media Unsuitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.: Do not use water jet.
5.2. Specific hazards arising from the chem	ical
Fire hazard Explosion hazard	 Extremely flammable aerosol. Products of combustion may include, and are not limited to: oxides of carbon. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. irritating vapours. Vapours may form explosive mixture with air. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Ruptured cylinders may rocket.
5.3. Special protective equipment and preca	autions for fire-fighters
Firefighting instructions	: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Cool closed containers exposed to fire with water spray. DO NOT fight fire when fire reaches explosives. Move containers away from the fire area if this can be done without risk.
Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
Other information	: Vapours may be heavier than air and may travel along the ground to a distant ignition source and flash back.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective eq	uipment and emergency procedures	
General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use only non-sparking tools. Use special care to avoid static electric charges. Isolate from fire, if possible, without unnecessary risk.	
6.1.1. For non-emergency personnel		
No additional information available		
6.1.2. For emergency responders		
No additional information available		
6.2. Environmental precautions		
Prevent entry to sewers and public waters.		
6.3. Methods and material for containme	ent and cleaning up	
For containment	 Stop leak if safe to do so. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. Dravide vertilation Sugar or above applies into appropriate container for diapped. 	
Methods for cleaning up	: Provide ventilation. Sweep or shovel spills into appropriate container for disposal.	
6.4. Reference to other sections		
For further information refer to section 8: "Expos	ure controls/personal protection".	

SECTION 7: Handling	and storage	

7.1. Precautions for safe handling

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place.

Additional hazards when processed	: Do not pierce or burn, even after use. Keep away from sources of ignition - No smoking. Hazardous waste due to potential risk of explosion.
Precautions for safe handling Hygiene measures	 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Do not spray on an open flame or other ignition source. Wash contaminated clothing before reuse. Always wash hands after handling the product.
7.2. Conditions for safe storage, includ	ing any incompatibilities
Technical measures Storage conditions	 Proper grounding procedures to avoid static electricity should be followed. Keep out of the reach of children. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Store away from direct sunlight or other heat sources. Protect containers from physical damage. Store locked up. Store in a well-ventilated

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1K E-Coat Primer (white, light green, olive green, gray, black, tan)		
No additional information available		
Dimethyl ether (115-10-6)		
No additional information available		
Acetone (67-64-1)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	250 ppm	
ACGIH OEL STEL [ppm]	500 ppm	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
USA - ACGIH - Biological Exposure Indices		
BEI	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1] 2400 mg/m ³		
OSHA PEL TWA [2] 1000 ppm		
ISA - IDLH - Occupational Exposure Limits		
DLH [ppm] 2500 ppm (10% LEL)		
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	590 mg/m³	
NIOSH REL TWA [ppm] 250 ppm		
Propylene glycol monomethyl ether acetate (108-65-6)		
No additional information available		

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n-Butyl acetate (123-86-4)			
USA - ACGIH - Occupational Exposure Limits			
Local name	n-Butyl acetate		
ACGIH OEL TWA [ppm]	50 ppm (Butyl acetates, all isomers)		
ACGIH OEL STEL [ppm]	150 ppm (Butyl acetates, all isomers)		
Remark (ACGIH)	TLV® Basis: Eye & URT irr		
Regulatory reference	ACGIH 2020		
USA - OSHA - Occupational Exposure Limits			
Local name	n-Butyl-acetate		
OSHA PEL TWA [1]	710 mg/m³		
OSHA PEL TWA [2]	150 ppm		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		
USA - IDLH - Occupational Exposure Limits			
IDLH [ppm]	1700 ppm (10% LEL)		
USA - NIOSH - Occupational Exposure Limits			
NIOSH REL TWA	710 mg/m ³		
NIOSH REL TWA [ppm]	150 ppm		
NIOSH REL STEL	950 mg/m³		
NIOSH REL STEL [ppm]	200 ppm		
Ethylene glycol monobutyl ether acetate (112	-07-2)		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA [ppm]	20 ppm		
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans		
USA - NIOSH - Occupational Exposure Limits			
NIOSH REL TWA	33 mg/m ³		
NIOSH REL TWA [ppm]	5 ppm		
Benzene, 1,2,4-trimethyl- (95-63-6)			
USA - NIOSH - Occupational Exposure Limits			
NIOSH REL TWA	125 mg/m ³		
NIOSH REL TWA [ppm]	25 ppm		
Xylenes (o-, m-, p- isomers) (1330-20-7)			
USA - ACGIH - Occupational Exposure Limits			
ACGIH chemical category	Not Classifiable as a Human Carcinogen		
USA - ACGIH - Biological Exposure Indices	USA - ACGIH - Biological Exposure Indices		
BEI	1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: end of shift		
USA - OSHA - Occupational Exposure Limits			
Local name	Xylenes (o-, m-, p-isomers)		
OSHA PEL TWA [1]	435 mg/m³		

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Xylenes (o-, m-, p- isomers) (1330-20-7)		
OSHA PEL TWA [2]	100 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
Benzyl alcohol (100-51-6)		
No additional information available		
Ethylbenzene (100-41-4)		
USA - ACGIH - Occupational Exposure Limits		
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans	
USA - ACGIH - Biological Exposure Indices		
BEI	0.15 g/g creatinine Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific)	
USA - OSHA - Occupational Exposure Limits		
Local name	Ethyl benzene	
OSHA PEL TWA [1]	435 mg/m³	
OSHA PEL TWA [2]	100 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1 OSHA Annotated Table Z-1	
USA - IDLH - Occupational Exposure Limits		
IDLH [ppm]	800 ppm (10% LEL)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	435 mg/m³	
NIOSH REL TWA [ppm]	100 ppm	
NIOSH REL STEL	545 mg/m ³	
NIOSH REL STEL [ppm]	125 ppm	
Solvent naphtha, petroleum, light aromatic (6	4742-95-6)	
No additional information available		
Titanium Dioxide (13463-67-7)		
USA - ACGIH - Occupational Exposure Limits		
Local name	Titanium dioxide	
ACGIH OEL TWA	10 mg/m ³	
Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Regulatory reference	ACGIH 2020	
USA - OSHA - Occupational Exposure Limits	USA - OSHA - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)	
OSHA PEL TWA [1]	15 mg/m³ (total dust)	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	

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Titanium Dioxide (13463-67-7)		
USA - IDLH - Occupational Exposure Limits		
IDLH	5000 mg/m³	
USA - NIOSH - Occupational Exposure Li	mits	
NIOSH REL TWA	2.4 mg/m³ (CIB 63-fine) 0.3 mg/m³ (CIB 63-ultrafine, including engineered nanoscale)	
8.2. Appropriate engineering controls	5	
Appropriate engineering controls	Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.	
Environmental exposure controls	: Avoid release to the environment.	
8.3. Individual protection measures/F	Personal protective equipment	
Hand protection:		
Wear suitable gloves		
Eye protection:		
Wear eye/face protection		
Skin and body protection:		
Wear suitable protective clothing		
Respiratory protection:		
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.		

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical	al properties
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Physical state	: Liquid
2	: Aerosol.
Appearance	
Colour	: Various colours
Odour	: Characteristic
Odour threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: <-18 °C (<-0.4 °F)
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.8 g/cm ³
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available

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Decomposition temperature Viscosity, kinematic Viscosity, dynamic Explosive limits Explosive properties Oxidising properties	:	No data available No data available No data available No data available No data available No data available
9.2. Other information		
Gas group Flame projection length		Press. Gas (Liq.) > 75 cm < 100 cm

: Possible

SECTION 10: Stability and reactivity

10.1. Reactivity

Flashback

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions. Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Incompatible materials. Sparks. Open flame. Direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents. Acids. Alkalis.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (dermal) :	Not classified. Not classified. Not classified.	
Dimethyl ether (115-10-6)		
LC50 inhalation rat	164000 ppm/4h	
ATE CA (Gases (except aerosol dispensers and lighters))	164000 ppmv/4h	
Acetone (67-64-1)		
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female	
LD50 dermal rabbit	> 15700 mg/kg	
LC50 inhalation rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4	
ATE CA (oral)	5800 mg/kg bodyweight	

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Propylene glycol monomethyl ether acetate (108-65-6)		
LD50 oral rat	8532 mg/kg	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LD50 dermal rabbit	> 5 g/kg	
LC50 inhalation rat	19.596 mg/l 4 h	
ATE CA (oral)	8532 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	4500 ppmv/4h	
ATE CA (vapours)	19.596 mg/l/4h	
ATE CA (dust,mist)	1.5 mg/l/4h	
n-Butyl acetate (123-86-4)		
LD50 oral rat	10768 mg/kg	
LD50 dermal rabbit	> 17600 mg/kg	
LC50 inhalation rat	1.86 mg/l	
ATE CA (oral)	10768 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	100 ppmv/4h	
ATE CA (vapours)	1.86 mg/l/4h	
ATE CA (dust,mist)	1.86 mg/l/4h	
Ethylene glycol monobutyl ether acetate (112-07-2)		
LD50 oral rat	2400 mg/kg	
LD50 dermal rabbit	1500 mg/kg	
LC50 inhalation rat	> 400 ppm/4h	
ATE CA (oral)	2400 mg/kg bodyweight	
ATE CA (Dermal)	1500 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	4500 ppmv/4h	
ATE CA (vapours)	11 mg/l/4h	
ATE CA (dust,mist)	1.5 mg/l/4h	
Benzene, 1,2,4-trimethyl- (95-63-6)		
LD50 oral rat	3280 mg/kg	
LD50 dermal rabbit	> 3160 mg/kg	
LC50 inhalation rat	18 g/m³ (Exposure time: 4 h)	
ATE CA (oral)	3280 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	4500 ppmv/4h	
ATE CA (vapours)	18 mg/l/4h	

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Benzene, 1,2,4-trimethyl- (95-63-6)		
ATE CA (dust,mist)	1.5 mg/l/4h	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
LD50 oral rat	3500 mg/kg	
LD50 dermal rabbit	> 4350 mg/kg	
LC50 inhalation rat	29.08 mg/l/4h	
ATE CA (oral)	3500 mg/kg bodyweight	
ATE CA (Dermal)	1700 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	4500 ppmv/4h	
ATE CA (vapours)	11 mg/l/4h	
ATE CA (dust,mist)	1.5 mg/l/4h	
Benzyl alcohol (100-51-6)		
LD50 oral rat	1230 mg/kg	
LD50 dermal rabbit	2 g/kg	
LC50 inhalation rat	> 4178 mg/m³ (Exposure time: 4 h)	
ATE CA (oral)	1230 mg/kg bodyweight	
ATE CA (Dermal)	2000 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	700 ppmv/4h	
ATE CA (vapours)	3 mg/l/4h	
ATE CA (dust,mist)	0.5 mg/l/4h	
Ethylbenzene (100-41-4)		
LD50 oral rat	3500 mg/kg	
LD50 dermal rabbit	15400 mg/kg	
LC50 inhalation rat	17.4 mg/l/4h	
ATE CA (oral)	3500 mg/kg bodyweight	
ATE CA (Dermal)	15400 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	4500 ppmv/4h	
ATE CA (vapours)	17.4 mg/l/4h	
ATE CA (dust,mist)	1.5 mg/l/4h	
Solvent naphtha, petroleum, light aromatic (64742-95-6)		
LD50 oral rat	8400 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 inhalation rat	> 6193 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:	
LC50 inhalation rat	3400 ppm/4h	

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Solvent naphtha, petroleum, light aromatic (64742-95-6)		
ATE CA (oral)	8400 mg/kg bodyweight	
ATE CA (Gases (except aerosol dispensers and lighters))	3400 ppmv/4h	
Titanium Dioxide (13463-67-7)		
LD50 oral rat	> 5000 mg/kg bodyweight 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	5.09 mg/l/4h	
ATE CA (vapours)	5.09 mg/l/4h	
ATE CA (dust,mist)	5.09 mg/l/4h	
Serious eye damage/irritation:Respiratory or skin sensitisation:Germ cell mutagenicity:	Not classified. Causes serious eye irritation. Not classified. Not classified. Suspected of causing cancer.	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
IARC group	3 - Not classifiable	
Ethylbenzene (100-41-4)		
IARC group	2B - Possibly carcinogenic to humans	
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity	
In OSHA Hazard Communication Carcinogen list	Yes	
Reproductive toxicity :	Suspected of damaging the unborn child.	
Acetone (67-64-1)		
LOAEL (animal/female, F0/P)	11298 mg/kg bodyweight Animal: mouse, Animal sex: female	
NOAEL (animal/male, F0/P)	900 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Generation not specified (migrated information)	
STOT-single exposure :	May cause drowsiness or dizziness.	
Acetone (67-64-1)		
STOT-single exposure	May cause drowsiness or dizziness.	
n-Butyl acetate (123-86-4)		
STOT-single exposure	May cause drowsiness or dizziness.	
Benzene, 1,2,4-trimethyl- (95-63-6)		
STOT-single exposure	May cause respiratory irritation.	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
STOT-single exposure	May cause drowsiness or dizziness.	
Solvent naphtha, petroleum, light aromatic (6	4742-95-6)	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.	
:	Not classified.	

STOT-repeated exposure

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≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
> 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)
125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)
2-07-2)
> 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
1.8 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
400 mg/kg bodyweight Animal: rat, Guideline: other:OECD Guideline 451 (Carcinogenicity Studies)
75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
May cause damage to organs through prolonged or repeated exposure.
64742-95-6)
600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Not classified.
een, gray, black, tan)
Aerosol
Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. Symptoms of oxygen deficiency include respiratory difficulty, headache, dizziness, nausea, unconsciousness or death. May cause irritation to the respiratory tract. May cause drowsiness or dizziness.
May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and
diarrhea.

Safety Data Sheet

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general	: May cause long-term adverse effects in the aquatic environment.	
Dimethyl ether (115-10-6)		
LC50 - Fish [1]	> 4.1 g/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])	
EC50 - Crustacea [1]	> 4.4 g/l Test organisms (species): Daphnia magna	
Acetone (67-64-1)		
LC50 - Fish [1]	4.74 – 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 - Crustacea [1]	10294 – 17704 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
LC50 - Fish [2]	6210 – 8120 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 - Crustacea [2]	12600 – 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
Propylene glycol monomethyl ether acetate	(108-65-6)	
LC50 - Fish [1]	161 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 - Crustacea [1]	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
NOEC (chronic)	≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic fish	47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'	
n-Butyl acetate (123-86-4)		
LC50 - Fish [1]	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 - Crustacea [1]	44 mg/l Test organisms (species): Daphnia sp.	
EC50 - Other aquatic organisms [1]	32 mg/l Test organisms (species): Artemia salina	
LC50 - Fish [2]	17 – 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
LOEC (chronic)	47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic algae	296 mg/l	
Ethylene glycol monobutyl ether acetate (11	2-07-2)	
LC50 - Fish [1]	20 – 40 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 - Crustacea [1]	37 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Benzene, 1,2,4-trimethyl- (95-63-6)		
LC50 - Fish [1]	7.19 – 8.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 - Crustacea [1]	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
LC50 - Fish [1]	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 - Crustacea [1]	3.82 mg/l (Exposure time: 48 h - Species: water flea)	
LC50 - Fish [2]	2.661 – 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	

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CCC (chronic) 3.16 mg/l Test organisms (species): Daphnia magna Duraton: '21 d' NOEC chronic fish 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' Banzyl alcohol (100-51-6) 23 mg/l (Exposure time: 96 h - Species: Pimephales prometas [static]) C50 - Fish [2] 10 mg/l (Exposure time: 96 h - Species: New phase prometas [static]) C50 - Fish [2] 10 mg/l (Exposure time: 96 h - Species: Leponis macrochirus [static]) NOEC (dronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbenzone (100-41-4) (C50 - Fish [2] C50 - Fish [2] 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) C50 - Fish [2] 1.4 mg/l Test organisms (species): Concorhynchus mykiss [static]) C50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) C50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) C50 - Fish [1] 11 - 18 mg/l Test organisms (species): Condophnia dubia Duraton: '7 d' C50 - Coustacea 0.956 mg/l Test organisms (species): Condophnia dubia Duraton: '7 d' C50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) C50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss) C50 - Fish [1]	Xylenes (o-, m-, p- isomers) (1330-20-7)		
NOEC chronic fish > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Banzyl alcohol (100-51-6) Color Fish [1] 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 - Fish [1] 23 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) Static) EC50 - Coutsteea [1] 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) Static) NCEC (dronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbozzne (100-41-4) LC50 - Fish [1] 11 - 18 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss [static]) I.8 - 2.4 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss [static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss [static]) I.8 - 2.4 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss [static]) LC50 - Gustacea [1] 1.8 - 2.4 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss [static]) I.0 Mg/l Exposure time: 96 h - Species: Conorhynchus mykiss [static]) LC50 - Custacea [1] 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' I.0 Mg/l Exposure time: 96 h - Species: Conorhynchus mykiss [static]) LC50 - Custacea [1] 9.22 mg/l (Exposure time: 96 h - Species: Conorhynchus mykiss [static]) I.0 Fish [1] I.1 mg/l Test organisms (species): Colorhynchus mykiss [static]) LC50 - Custacea [1]	EC50 - Crustacea [2]	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)	
Benzyl alcohol (100-51-6) Uuration: '56 d' Benzyl alcohol (100-51-6) 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas (static)) EC50 - Fish [1] 23 mg/l (Exposure time: 96 h - Species: Pimephales promelas (static)) EC50 - Fish [2] 10 mg/l (Exposure time: 96 h - Species: Lopomis macrochirus (static)) NOEE (chronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbenzene (100-41-4) 11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (static)) LC50 - Fish [2] 11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (static)) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (static)) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (static)) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss (static)) LC50 - Fish [2] 9.9 mg/l Test organisms (species): Ceriodaphnia dubia Duration: 7 d' NC5C chronic crustacea 0.956 mg/l Solvent naphtha, petroloum, light aromatic (6742-95-6) LC50 - Fish [1] 9.22 mg/l Test organisms (species): Cophnia magna) Titam Dioxide (13463-67-7) 100 mg/l Test organisms (species): Cophnia magna LC50 - Fish [1] 155 mg/l Test organisms (species): Daphnia magna <td>LOEC (chronic)</td> <td>3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'</td>	LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
LC50 - Fish [1] 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 - Crustacea [1] 23 mg/l (Exposure time: 96 h - Species: water flea) LC50 - Fish [2] 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) NDEC (chronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbonzene (100-41-4) 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) EC50 - Crustacea [1] 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) EC50 - Crustacea [1] 1.8 - 2.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) LC50 - Fish [1] 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.956 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) Ec50 - Crustacea [1] LC50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): other.Japanese Medaka EC50 - Crustacea [1] 19.3 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphni	NOEC chronic fish		
C50 - Crustacea [1] 23 mg/l (Exposure time: 48 h - Species: ueter flea) LC50 - Fish [2] 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [stalic]) NOEC (chronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbenzene (100-41-4) 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss [static]) LC50 - Fish [1] 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss [static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss [static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss [static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss [static]) LC50 - Fish [2] 0.966 mg/l Test organisms (species): Ceriodaphnia dubia Duration: 7 d' NOEC chronic) 0.966 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) LC50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss) EC50 - Crustacea [1] 14 mg/l Test organisms (species): cher.Japanese Medaka EC50 - Crustacea [1] 15 mg/l Test organisms (species): Daphnia magna LC50 - Site care [1] 100 mg/l Test organisms (species): Daphnia magna LC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna LC50 - Crustacea [Benzyl alcohol (100-51-6)		
LC50 - Fish [2] 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) NOEC (chronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbanzene (100-41-4) 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) LC50 - Fish [1] 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) LC50 - Fish [2] 42 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 42 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC60 - Fish [2] 42 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC60 - Chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.966 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) Cc50 - Fish [1] LC50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Dorohrynchus mykiss) C650 - Crustacea [1] 155 mg/l Test organisms (species): Daphnia magna) Titanium Dioxide (13463-67-7) 100 mg/l Test organisms (species): Daphnia magna C50 - Crustacea [1] 19.3 mg/l Test organisms (species): Daphnia magna C55 - Orustacea [2] 2.7.8 mg/l Test organisms (species): D	LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
NOEC (chronic) 51 mg/l Test organisms (species): Daphnia magna Duration: '21 d' Ethylbenzene (100-41-4) 11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) EC50 - Crustacea [1] 18 – 2.4 mg/l (Exposure time: 96 h - Species: Daphnia magna) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.956 mg/l Solvent naphtha, petroleum, light aromatic (64742-85-6) LC50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) EC50 - Crustacea [1] 6.14 mg/l (Exposure time: 96 h - Species: Dephnia magna) Titanu Dioxide (13463-67-7) LC50 - Fish [1] 155 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] 19.3 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2]	EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)	
Ethylbenzene (100-41-4) LC50 - Fish [1] 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) EC50 - Crustacea [1] 1.8 - 2.4 mg/l (Exposure time: 96 h - Species: Daphnia magna) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.966 mg/l Solvent naphtha, potroleum, light aromatic (64742-85-6)	LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
LC50 - Fish [1] 11 - 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) EC50 - Crustacea [1] 1.8 - 2.4 mg/l (Exposure time: 96 h - Species: Daphnia magna) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LC50 - Fish [2] 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.956 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) 1.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) LC50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Donorhynchus mykiss) EC50 - Crustacea [1] 6.14 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) EC50 - Crustacea [1] 9.22 mg/l (Exposure time: 96 h - Species: Donorhynchus mykiss) EC50 - Crustacea [1] 9.16 mg/l Test organisms (species): conchynchus mykiss) EC50 - Crustacea [1] 155 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2 .92 mg/l Test organisms (species): Daphnia magna <	NOEC (chronic)	51 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
EC50 - Crustacea [1] 1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna) LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss [semi-static]) LOEC (chronic) 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.956 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) 1.2 mg/l (Exposure time: 96 h - Species: Oncorthynchus mykiss) EC50 - Crustacea [1] 9.22 mg/l (Exposure time: 96 h - Species: Daphnia magna) Titanium Dioxide (13463-67-7) 1.55 mg/l Test organisms (species): other.Japanese Medaka EC50 - Crustacea [1] 155 mg/l Test organisms (species): other.Japanese Medaka EC50 - Crustacea [1] 19.3 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2	Ethylbenzene (100-41-4)		
LC50 - Fish [2] 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) LD5C (chronic) 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.956 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) 1.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) LC50 - Fish [1] 9.22 mg/l (Exposure time: 48 h - Species: Oncorhynchus mykiss) EC50 - Crustacea [1] 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna) Titanium Dioxide (13463-67-7) 155 mg/l Test organisms (species): other.Japanese Medaka EC50 - Crustacea [1] 19.3 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1] > 100 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia mag	LC50 - Fish [1]	11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
LOEC (chronic) 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' NOEC chronic crustacea 0.956 mg/l Solvent naphtha, petroleum, light aromatic (64742-95-6) 1 LC50 - Fish [1] 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) EC50 - Crustacea [1] 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna) Titanium Dioxide (13463-67-7) 155 mg/l Test organisms (species): other.Japanese Medaka EC50 - Crustacea [1] 155 mg/l Test organisms (species): other.Japanese Medaka EC50 - Crustacea [1] 19.3 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [2] 27.8 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 5 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna LOEC (chronic) 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d' <	EC50 - Crustacea [1]	1.8 – 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
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1K E-Coat Primer (white, light green, olive green, gray, black, tan) Bioaccumulative potential Not established. Dimethyl ether (115-10-6)	Persistence and degradability	Not established.	
Bioaccumulative potential Not established. Dimethyl ether (115-10-6)	12.3. Bioaccumulative potential		
Dimethyl ether (115-10-6)	1K E-Coat Primer (white, light green, olive green, gray, black, tan)		
	Bioaccumulative potential	Not established.	
Partition coefficient n-octanol/water -0.18	Dimethyl ether (115-10-6)		
	Partition coefficient n-octanol/water	-0.18	

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Acetone (67-64-1)	
BCF - Fish [1]	0.69
Partition coefficient n-octanol/water	-0.24
Propylene glycol monomethyl ether acetate (108-65-6)	
Partition coefficient n-octanol/water	0.43
n-Butyl acetate (123-86-4)	
Partition coefficient n-octanol/water	1.81 (at 23 °C)
Ethylene glycol monobutyl ether acetate (112-07-2)	
BCF - Fish [1]	(no significant bioaccumulation)
Partition coefficient n-octanol/water	1.51
Benzene, 1,2,4-trimethyl- (95-63-6)	
Partition coefficient n-octanol/water	3.63
Xylenes (o-, m-, p- isomers) (1330-20-7)	
BCF - Fish [1]	0.6 – 15
Partition coefficient n-octanol/water	2.77 – 3.15
Benzyl alcohol (100-51-6)	
Partition coefficient n-octanol/water	1.1
Ethylbenzene (100-41-4)	
BCF - Fish [1]	15
Partition coefficient n-octanol/water	3.2
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	

Other information

: No other effects known.

SECTION 13: Disposal considerations	
13.1. Disposal methods	
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Additional information	: Flammable vapours may accumulate in the container. Hazardous waste due to potential risk of explosion.

SECTION 14: Transport information			
In accordance with DOT / TDG			
14.1. UN number			
DOT NA No UN-No. (TDG)	: UN1950 : UN1950		
- \ - /			

Safety Data Sheet

14.2. UN proper shipping name	
Proper Shipping Name (DOT/TDG)	: Aerosols
14.3. Transport hazard class(es)	
DOT Transport hazard class(es) (DOT) Hazard labels (DOT)	: 2.1 : 2.1
TDG Transport hazard class(es) (TDG) Hazard labels (TDG)	: 2.1 : 2.1
14.4. Packing group	
Packing group (DOT) Packing group (TDG)	Not applicableNot applicable
14.5. Environmental hazards	
Other information	: No supplementary information available.
14.6. Special precautions for user	
Special transport precautions	: Do not handle until all safety precautions have been read and understood.
DOT UN-No.(DOT) DOT Special Provisions (49 CFR 172.102) DOT Packaging Exceptions (49 CFR 173.xxx) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	 UN1950 N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols. 306 None None 75 kg
DOT Quantity Limitations Cargo aircraft only (49	: 150 kg
CFR 175.75) DOT Vessel Stowage Location DOT Vessel Stowage Other	 A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. 25 - Protected from sources of heat,87 - Stow "separated from" Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials
TDG UN-No. (TDG)	: UN1950

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

TDG Special Provisions	 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray.
Explosive Limit and Limited Quantity Index	: 1L
Excepted quantities (TDG)	: E0
Passenger Carrying Road Vehicle or Passenger	: 75 L
Carrying Railway Vehicle Index	
Emergency Response Guide (ERG) Number	: 126

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

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations

🗥 WARNING:

This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015 : 03/22/2022 Revision date

Other information Prepared by

- None. Nexreg Compliance Inc.
- www.Nexreg.com



Full text of H-statements	
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Aerosol 1	Flammable aerosols, Category 1
Press. Gas (Liq.)	Gases under pressure : Liquefied gas

03/22/2022

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Full text of H-statements	
Repr. 2	Reproductive toxicity, Category 2
Simple Asphy	Simple Asphyxiant
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis

Indication of changes:

SDS update.

SDS HazCom 2012 - WHMIS 2015 (Nexreg) 2021

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