

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : 585 Urethane Reducer - Medium Dry 85 Degree  
 Product code : 585

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Sunnyside Corp  
 225 Carpenter Ave  
 Wheeling, IL 60090 - USA  
 T 800-323-8611 - F 847-541-9043  
[orders@sunnysidecorp.com](mailto:orders@sunnysidecorp.com) - [www.sunnysidecorp.com](http://www.sunnysidecorp.com)

#### 1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	Comment
United States	Chemtrec		1-800-424-9300	

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flammable liquids Category 2	Highly flammable liquid and vapor
Skin corrosion/irritation Category 2	Causes skin irritation
Serious eye damage/eye irritation Category 2	Causes serious eye irritation
Germ cell mutagenicity Category 1B	May cause genetic defects
Carcinogenicity Category 1B	May cause cancer
Specific target organ toxicity (single exposure) Category 3	May cause drowsiness or dizziness
Specific target organ toxicity (repeated exposure) Category 2	May cause damage to organs through prolonged or repeated exposure
Aspiration hazard Category 1	May be fatal if swallowed and enters airways
Hazardous to the aquatic environment - Acute Hazard Category 2	Toxic to aquatic life
Hazardous to the aquatic environment - Chronic Hazard Category 3	Harmful to aquatic life with long lasting effects

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Highly flammable liquid and vapor  
 May be fatal if swallowed and enters airways  
 Causes skin irritation  
 Causes serious eye irritation  
 May cause drowsiness or dizziness  
 May cause genetic defects  
 May cause cancer  
 May cause damage to organs through prolonged or repeated exposure  
 Toxic to aquatic life  
 Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/Bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/... equipment  
 Use only non-sparking tools

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Take precautionary measures against static discharge  
Do not breathe dust/fume/gas/mist/vapors/spray  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash hands, forearms and face thoroughly after handling  
Use only outdoors or in a well-ventilated area  
Avoid release to the environment  
Wear protective gloves/protective clothing/eye protection/face protection  
If swallowed: Immediately call a poison center/doctor/...  
If on skin: Wash with plenty of water/...  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
If inhaled: Remove person to fresh air and keep comfortable for breathing  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If exposed or concerned: Get medical advice/attention  
Call a poison center/doctor/... if you feel unwell  
Get medical advice/attention if you feel unwell  
Specific treatment (see ... on this label)  
Do NOT induce vomiting  
If skin irritation occurs: Get medical advice/attention  
If eye irritation persists: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse  
In case of fire: Use media other than water to extinguish  
Store in a well-ventilated place. Keep container tightly closed  
Store in a well-ventilated place. Keep cool  
Store locked up  
Dispose of contents/container to ...

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

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Name	Product identifier	%	GHS-US classification
methyl ethyl ketone	(CAS No) 78-93-3	25 - 45	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Toluene	(CAS No) 108-88-3	10 - 25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Xylol (alle Isomeren);Ксилен (смес от изомери), чист;Xylen technická sm s isomer a (všechny isomery);Ksúleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksilen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere	(CAS No) 1330-20-7	10 - 25	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
SOLVESSO 100	(CAS No) 64742-95-6	10 - 25	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 3, H402
ethyl 3-ethoxypropionate	(CAS No) 763-69-9	10 - 25	Flam. Liq. 3, H226 Eye Irrit. 2, H319
naphtha,heavy aromatic	(CAS No) 64742-94-5	< 10	Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

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 general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
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	: Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Risk of lung edema.

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

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

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Highly flammable liquid and vapor.
Reactivity	: Highly flammable liquid and vapor.

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### 5.3. 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.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

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.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. 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. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. 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.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

methyl ethyl ketone (78-93-3)		
ACGIH	Local name	Methyl ethyl ketone (MEK)
ACGIH	ACGIH TWA (ppm)	200 ppm (Methyl ethyl ketone (MEK); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	300 ppm (Methyl ethyl ketone (MEK); USA; Short time value; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	URT irr; CNS & PNS impair
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	590 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
Toluene (108-88-3)		
ACGIH	Local name	Toluene

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Toluene (108-88-3)		
ACGIH	ACGIH TWA (ppm)	20 ppm (Toluene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	Visual impair; female repro; pregnancy loss; A4; BEI
OSHA	OSHA PEL (TWA) (ppm)	200 ppm 8 hours
OSHA	Remark (OSHA)	(2) See Table Z-2.

Xylol (alle isomeren);Ксилен (смес от изомери), чист;Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-, m-, p-ksilols, dimetilbenzols);Xylene, mixed isomers, pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)

ACGIH	Local name	Xylene
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
ACGIH	Remark (ACGIH)	URT & eye irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	100 ppm

### SOLVESSO 100 (64742-95-6)

Not applicable

### ethyl 3-ethoxypropionate (763-69-9)

Not applicable

### naphtha, heavy aromatic (64742-94-5)

Not applicable

## 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

### Hand protection:

Protective gloves

### Eye protection:

Safety glasses

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

Wear respiratory protection

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Color : Mixture contains one or more component(s) which have the following colour(s): Colourless Colourless to light yellow No data available on colour  
Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.  
Mixture contains one or more component(s) which have the following odour(s): Sweet odour Acetone odour Aromatic odour Pleasant odour Fruity odour No data available on odour

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Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: < 20 mm <sup>2</sup> /s
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. 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 : Not classified

Toluene (108-88-3)	
LD50 oral rat	> 2000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 5580 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	12223 mg/kg (Rabbit; Literature study; Other; >5000 mg/kg bodyweight; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 20 mg/l/4h (Rat; Literature study)
ATE US (dermal)	12223 mg/kg body weight

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LD50 oral rat	3523 - 8600 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 3523 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value; >4000 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit	> 4200 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value)
ATE US (oral)	3523 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

### SOLVESSO 100 (64742-95-6)

LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 3160 mg/kg (Rabbit)

### ethyl 3-ethoxypropionate (763-69-9)

LD50 oral rat	5000 mg/kg (Rat)
LD50 dermal rabbit	4076 mg/kg (Rabbit)
ATE US (oral)	5000 mg/kg body weight
ATE US (dermal)	4076 mg/kg body weight

### naphtha,heavy aromatic (64742-94-5)

LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 5 mg/l/4h (Rat)
ATE US (vapors)	3 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: May cause genetic defects.
Carcinogenicity	: May cause cancer.

### Toluene (108-88-3)

IARC group	3 - Not classifiable
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**Xylol (alle isomeren);Ксилен (смес от изомери), чист;Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-, m-, p-ksilols, dimetilbenzols);Xylene, mixed isomers, pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)**

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: May be fatal if swallowed and enters airways.
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Symptoms/effects	: May cause drowsiness or dizziness.
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Symptoms/effects after skin contact	: Irritation.
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Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Risk of lung edema.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects. Toxic to aquatic life.

methyl ethyl ketone (78-93-3)	
EC50 Daphnia 1	308 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
LC50 fish 2	2993 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Static system; Fresh water; Experimental value)

SOLVESSO 100 (64742-95-6)	
LC50 fish 1	18 mg/l (LC50)
EC50 Daphnia 1	21 mg/l (EC50)
Threshold limit algae 1	1 - 10,EC50

ethyl 3-ethoxypropionate (763-69-9)	
LC50 fish 1	143.63 mg/l (LC50; 96 h; Salmo gairdneri)
EC50 Daphnia 1	123.4 mg/l (LC50; 96 h)
LC50 fish 2	149.83 mg/l (LC50; 96 h; Lepomis macrochirus)

naphtha,heavy aromatic (64742-94-5)	
EC50 Daphnia 1	0.95 mg/l (EC50; 48 h)
LC50 fish 2	2.34 mg/l (LC50; 96 h; Oncorhynchus mykiss)
Threshold limit algae 2	2.5 mg/l (EC50; 72 h)

#### 12.2. Persistence and degradability

methyl ethyl ketone (78-93-3)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.
Biochemical oxygen demand (BOD)	2.03 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.31 g O <sub>2</sub> /g substance
ThOD	2.44 g O <sub>2</sub> /g substance
BOD (% of ThOD)	> 0.5 (5 days; Literature study)

Toluene (108-88-3)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical oxygen demand (BOD)	2.15 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.52 g O <sub>2</sub> /g substance
ThOD	3.13 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.69

Xylol (alle Isomeren);Ксилен (смес от изомери), чист;Xylen technická směs isomerů (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-, m-, p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);ДИМЕТИЛБЕНЗОЛ;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photolysis in the air.

SOLVESSO 100 (64742-95-6)	
Persistence and degradability	Readily biodegradable in water.

ethyl 3-ethoxypropionate (763-69-9)	
Persistence and degradability	Readily biodegradable in water.



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<b>naphtha,heavy aromatic (64742-94-5)</b>	
Persistence and degradability	Not readily biodegradable in water.

### 12.3. Bioaccumulative potential

<b>methyl ethyl ketone (78-93-3)</b>	
Log Pow	0.3 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 40 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

<b>Toluene (108-88-3)</b>	
BCF fish 2	90 (BCF; 72 h; Leuciscus idus; Static system; Fresh water)
Log Pow	2.73 (Experimental value; Other; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

<b>Xylol (alle isomeren);Ксилен (смес от изомери), чист;Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ок);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)</b>	
BCF fish 2	7 - 26 (BCF; 8 weeks; Oncorhynchus mykiss; Flow-through system; Fresh water)
Log Pow	3.2 (Conclusion by analogy; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

<b>SOLVESSO 100 (64742-95-6)</b>	
Log Pow	> 3

<b>ethyl 3-ethoxypropionate (763-69-9)</b>	
Log Pow	1.25 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

<b>naphtha,heavy aromatic (64742-94-5)</b>	
Log Pow	2.9 - 6.1
Bioaccumulative potential	Bioaccumable.

### 12.4. Mobility in soil

<b>methyl ethyl ketone (78-93-3)</b>	
Surface tension	0.024 N/m (20 °C)
Log Koc	Koc,34; Calculated value
Ecology - soil	Slightly harmful to plants.

<b>Toluene (108-88-3)</b>	
Surface tension	0.03 N/m (20 °C)

<b>Xylol (alle isomeren);Ксилен (смес от изомери), чист;Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ок);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)</b>	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

### 12.5. Other adverse effects

Effect on the global warming	: No known effects from this product.
GWPmix comment	: No known effects from this product.

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

- 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

#### Department of Transportation (DOT)

In accordance with DOT

- Transport document description : UN1993 Flammable liquids, n.o.s. (Methyl Ethyl Ketone, Toluene), 3, II  
UN-No.(DOT) : UN1993  
Proper Shipping Name (DOT) : Flammable liquids, n.o.s.  
(Methyl Ethyl Ketone, Toluene)  
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Packing group (DOT) : II - Medium Danger  
Hazard labels (DOT) : 3 - Flammable liquid



- DOT Packaging Non Bulk (49 CFR 173.xxx) : 202  
DOT Packaging Bulk (49 CFR 173.xxx) : 242  
DOT Symbols : G - Identifies PSN requiring a technical name  
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). 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.  
T7 - 4 178.274(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.  
TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).  
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.  
DOT Packaging Exceptions (49 CFR 173.xxx) : 150  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L  
DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.  
Emergency Response Guide (ERG) Number : 128  
Other information : No supplementary information available.

#### TDG

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### **methyl ethyl ketone (78-93-3)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Not subject to reporting requirements of the United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 5000 lb

##### **Toluene (108-88-3)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 1000 lb

**XyloI (alle Isomeren);Ксилен (смес от изомери)**, чист;Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere **(1330-20-7)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 100 lb

##### **SOLVESSO 100 (64742-95-6)**

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

##### **ethyl 3-ethoxypropionate (763-69-9)**

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

##### **naphtha,heavy aromatic (64742-94-5)**

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

#### 15.2. International regulations

##### CANADA

##### **methyl ethyl ketone (78-93-3)**

Listed on the Canadian DSL (Domestic Substances List)

##### **Toluene (108-88-3)**

Listed on the Canadian DSL (Domestic Substances List)

**XyloI (alle Isomeren);Ксилен (смес от изомери)**, чист;Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilen;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere **(1330-20-7)**

Listed on the Canadian DSL (Domestic Substances List)

##### **SOLVESSO 100 (64742-95-6)**

Listed on the Canadian DSL (Domestic Substances List)

##### **ethyl 3-ethoxypropionate (763-69-9)**

Listed on the Canadian DSL (Domestic Substances List)

##### **naphtha,heavy aromatic (64742-94-5)**

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

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### National regulations

#### methyl ethyl ketone (78-93-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

#### Toluene (108-88-3)

Listed on EPA Hazardous Air Pollutant (HAPS)

**Xylol (alle isomeren);Ксилен (смес от изомери), чист;**Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilen (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksülen mieszanina izomerów: 1,2-, 1,3-, 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilén;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)

Listed on EPA Hazardous Air Pollutant (HAPS)

### 15.3. US State regulations

#### Toluene (108-88-3)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	No	No		

#### methyl ethyl ketone (78-93-3)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - Pennsylvania - RTK (Right to Know) List

#### Toluene (108-88-3)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - Pennsylvania - RTK (Right to Know) List

**Xylol (alle isomeren);Ксилен (смес от изомери), чист;**Xylen technická sm s isomer a (všechny isomery);Ksüleen (dimetüülbenseen);Ksyleeni;XILOL(ok);Ksilén (svi izomeri);Xylene, mixed isomers;Ksilenas;Xylène, isomères mixtes, purs;Ksilols (o-,m-,p-ksilols, dimetilbenzols);Xylene,mixed isomers,pure;Xyleen, o-, m-, p-isomeren;Xylen (alle isomere);Ksülen mieszanina izomerów: 1,2-, 1,3-, 1,4-;Xileno (isómeros );Xilen (izomeri);Xylen;ksilen (mešane izomere);Xylene;Xylenes (o-, m-, p-isomers);Диметилбензол;Xilenos, mezcla isómeros;Xileno;Ksilén;Xylene, mixed isomers, pure;二甲苯(全部异构体) # Xylene(all isomers);Xilene, isomeri misti, puro;Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver;Xilena (Dimetilbenzena) (isomer o-, m-, p) # Xylene (Dimethylbenzene) (o-, m-, p-isomers);Xylén, zmiešané izoméry;Xylen (Dimethylbenzen), alle isomere (1330-20-7)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances  
U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

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Full text of H-phrases:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS US (GHS HazCom 2012)

*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*