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**SECTION 1: Identification of the substance/mixture and of the company****Product Identifier**

Product Name: SiSiB® PC7400L

**Relevant identified uses of the substance or mixture and uses advised against**

Relevant applications identified For industrial use

**Details of the supplier of the safety data sheet****Company**

Nanjing SiSiB Silicones Co., Ltd.  
Guanghua Sci & Tech Industrial Zone,  
No. 104, Guanghua Road, Nanjing 210007, P.R.China  
Email: SDS@SiSiB.com

Emergency Telephone Number: +86-25-8468-0091

**SECTION 2: Hazardous identification****Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

H225 Flammable liquids, Category 2  
H315 Skin corrosion/irritation, Category 2  
H318 Serious eye damage/eye irritation, Category 1  
H317 Skin sensitisation, Category 1  
H351 Carcinogenicity, Category 2  
H361 Reproductive toxicity, Category 2  
H336 Specific target organ toxicity — Single exposure, Category 3, Narcosis  
H373 Specific target organ toxicity — Repeated exposure, Category 2  
Full text of H statements: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP):



Signal word (CLP):

Danger

Hazardous ingredients:

Tetrakis(methylethylketoximino)silane; Toluene; Methylethylketoxime

Hazard statements (CLP):

H225 - Highly flammable liquid and vapour.

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H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H336 - May cause drowsiness or dizziness.  
H351 - Suspected of causing cancer.  
H361 - Suspected of damaging fertility or the unborn child.  
H373 - May cause damage to organs through prolonged or repeated exposure.

## Precautionary statements (CLP):

P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 - Ground/bond container and receiving equipment.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician

## Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

## Substances

Not applicable

## Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Tetrakis(methylethylketoximino) silane	(CAS-No.) 34206-40-1 (EC-No.) 251-882-0	> 45	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Toluene	(CAS-No.) 108-88-3 (EC-No.) 203-625-9	> 45	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Methylethylketoxime	(CAS-No.) 96-29-7 (EC-No.) 202-496-6	< 5	Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317

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			Carc. 2, H351
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Full text of H-statements: see section 16.

## SECTION 4: First aid measures

### Description of first aid measures

#### First-aid measures general

Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

#### If inhaled

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

#### In case of skin contact

Wash with plenty of soap and water. Get medical advice/attention.

#### In case of eye contact

Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

#### First-aid measures after ingestion

Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER/doctor.

#### Most important symptoms and effects, both acute and delayed

##### Symptoms/effects

May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs.

##### Symptoms/injuries after inhalation

May cause drowsiness or dizziness. May cause irritation to the respiratory tract. Vapors from decomposition or exposure to atmospheric moisture may cause a reversible narcotic effect. Overexposure may cause coma and respiratory failure.

##### Symptoms/injuries after skin contact

May cause skin irritation. May cause an allergic skin reaction.

##### Symptoms/injuries after eye contact

May cause eye irritation.

##### Symptoms/injuries after ingestion

Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

#### Chronic symptoms

Subchronic oral toxicity studies with the hydrolysis product, methylethylketoxime, indicate that ingestion may produce blood effects, reducing the blood's ability to transport oxygen (methemoglobinemia and anemia.).

#### Indication of any immediate medical attention and special treatment needed

No additional information available

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

Water spray. Foam. Carbon dioxide. Dry chemical.

**Special hazards arising from the substance or mixture****Fire hazard**

Highly flammable liquid and vapour. Irritating fumes of hydrogen chloride and organic acid vapors may develop when material is exposed to water or open flame.

**Explosion hazard**

May form flammable/explosive vapour-air mixture.

**Advice for firefighters****Firefighting instructions**

Use water spray to cool exposed surfaces. Exercise caution when fighting any chemical fire.

**Protection during firefighting**

Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures****General measures**

Eliminate every possible source of ignition. Use special care to avoid static electric charges.

**For non-emergency personnel**

Emergency procedures

Evacuate unnecessary personnel.

**For emergency responders**

Protective equipment

Equip cleanup crew with proper protection. Avoid breathing vapors.

**Environmental precautions:**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**Methods and materials for containment and cleaning up**

Methods for cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal. Use only non-sparking tools.

**Reference to other sections**

See section 8. Exposure controls and personal protection.

**SECTION 7: Handling and storage**

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**Precautions for safe handling****Additional hazards when processed**

Handle empty containers with care because residual vapors are flammable.

**Precautions for safe handling**

Avoid all eye and skin contact and do not breathe vapor and mist. Containers must be properly grounded before beginning transfer. Provide good ventilation in process area to prevent formation of vapor. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only in well ventilated areas.

**Hygiene measures**

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities****Technical measures**

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.

**Storage conditions**

Keep container tightly closed. Store in sealed containers without contacting iron or steel

**Incompatible materials**

Amines. alcohols. Oxidizing agent. Moisture. Water:

Storage area: Store in a well-ventilated place. Store away from heat.

**Specific end use(s)**

No data available

**SECTION 8: Exposure Controls/Personal Protection****Control parameters****Toluene (108-88-3)**

EU	IOELV TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	100 ppm
Austria	MAK (mg/m <sup>3</sup> )	190 mg/m <sup>3</sup>
Austria	MAK (ppm)	50 ppm
Austria	MAK Short time value(mg/m <sup>3</sup> )	380 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	100 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	77 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	20 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	100 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Bulgaria	OEL TWA (ppm)	50 ppm
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Bulgaria	OEL STEL (ppm)	100 ppm
Cyprus	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>

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Cyprus	OEL TWA (ppm)	50 ppm
Cyprus	OEL STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Cyprus	OEL STEL (ppm)	100 ppm
France	VLE (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup> (restrictive limit)
France	VLE (ppm)	100 ppm (restrictive limit)
France	VME (mg/m <sup>3</sup> )	76.8 mg/m <sup>3</sup> (restrictive limit)
France	VME (ppm)	20 ppm (restrictive limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	190 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	50 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 903 Biological limit value	600 µg/l (Medium: whole blood - Time: end of shift -Parameter: Toluene) 1.5 mg/l (Medium: urine - Time: end of several shifts - Parameter: o-Cresol (after hydrolysis)
Gibraltar	Eight hours mg/m <sup>3</sup>	192 mg/m <sup>3</sup>
Gibraltar	Eight hours ppm	50 ppm
Gibraltar	Short-term mg/m <sup>3</sup>	384 mg/m <sup>3</sup>
Gibraltar	Short-term ppm	100 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	50 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	100 ppm
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	20 ppm
Italy	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	50 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	14 ppm
USA IDLH	US IDLH (ppm)	500 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	560 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup> (indicative limit value; manufacturing, commercialization, and use restrictions under REACH)
Spain	VLA-ED (ppm)	50 ppm (indicative limit value; manufacturing, commercialization, and use restrictions under REACH)
Spain	VLA-EC (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	100 ppm
Switzerland	KZGW (mg/m <sup>3</sup> )	760 mg/m <sup>3</sup>
Switzerland	KZGW (ppm)	200 ppm

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Switzerland	MAK (mg/m <sup>3</sup> )	190 mg/m <sup>3</sup>
Switzerland	MAK (ppm)	50 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	150 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	191 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	100 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	94 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	25 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	81 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	25 ppm
Finland	HTP-arvo (15 min)	380 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	100 ppm
Hungary	AK-érték	190 mg/m <sup>3</sup>
Hungary	CK-érték	380 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	50 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	100 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	100 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	50 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	100 ppm
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	94 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (ppm)	25 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m <sup>3</sup> )	94 mg/m <sup>3</sup>
Norway	Grenseverdier (Korttidsverdi) (ppm)	25 ppm
Poland	NDS (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	50 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	100 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	50 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	384 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	100 ppm
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	188 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (ppm)	50 ppm
Australia	TWA (mg/m <sup>3</sup> )	191 mg/m <sup>3</sup>
Australia	TWA (ppm)	50 ppm
Australia	STEL (mg/m <sup>3</sup> )	574 mg/m <sup>3</sup>
Australia	STEL (ppm)	150 ppm
Portugal	OEL TWA (mg/m <sup>3</sup> )	192 mg/m <sup>3</sup> (indicative limit)

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Portugal	OEL TWA (ppm)	value)
Portugal	OEL STEL (mg/m <sup>3</sup> )	50 ppm (indicative limit value)
Portugal	OEL STEL (ppm)	384 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL chemical category (PT)	100 ppm (indicative limit value)
		A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure indicative limit value

## Methylethylketoxime (96-29-7)

Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	0.3 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	10 ppm
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	3 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	33 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	10 ppm

## Exposure controls

Appropriate engineering controls:

**Provide local exhaust or general room ventilation.**

**Personal protective equipment:**

Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Hand protection:**

Neoprene or nitrile rubber gloves

**Eye protection:**

Chemical goggles. Contact lenses should not be worn

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified combination organic vapor - amine gas (brown cartridge) respirator.

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Form: clear liquid
Molecular mass	372.5 g/mol



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Color	no data available
Odor	Aromatic
Odor Threshold	no data available
Refractive index	no data available
pH	no data available
Relative evaporation rate (butyl acetate=1)	no data available
Melting point	no data available
Freezing point	< 0 °C
Boiling point	111 °C initial (toluene)
Flash point:	4 °C
Auto-ignition temperature	536 °C(toluene)
Decomposition temperature	no data available
Flammability (solid, gas)	Highly flammable liquid and vapor.
Vapor pressure:	54 mm Hg @ 75°C (toluene)
Relative vapor density at 20 °C	3.2 (toluene)
Relative density	0.938
Volatiles	>90%
Solubility	Insoluble in water. Reacts slowly with water.
Log Pow	no data available
Log Kow	no data available
Viscosity, kinematic	no data available
Viscosity, dynamic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Explosive limits	- 7.1 vol % (lower; upper)
<b>Other information</b>	
no data available	

## SECTION 10: Stability And Reactivity

### Reactivity

no data available

### Chemical stability

Stable in sealed containers. Do not expose to moisture acid, oxidizers and metals such as iron.

### Possibility of hazardous reactions

Reacts with water and moisture in air and acids liberating methylethylketoxime (MEKO). Contact with iron should be avoided. Contact with electrophiles such as ferric chloride can lead to a violent reaction.

### Conditions to avoid

Heat. Open flame. Sparks

### Incompatible materials

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Iron. Ferric chloride. Moisture. Water.

**Hazardous decomposition products**

Carbon dioxide. Carbon monoxide. Methyl ethyl ketone. Methyl ethyl ketoxime. NOx. Organic acid vapors.  
Silicon dioxide.

**SECTION 11: Toxicological Information****Information on toxicological effects****Acute toxicity**

Not classified

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

LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	12000 mg/kg
LC50 inhalation rat (mg/l)	12.5 mg/l/4h
ATE CLP (oral)	2600 mg/kg bodyweight
ATE CLP (dermal)	12000 mg/kg bodyweight
ATE CLP (vapours)	12.5 mg/l/4h
ATE CLP (dust,mist)	12.5 mg/l/4h

**Methylethylketoxime (96-29-7)**

LD50 oral rat	930 mg/kg
LD50 dermal rabbit	0.2 ml/kg
ATE CLP (oral)	930 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight

**Skin corrosion/irritation:**

Causes skin irritation.

**Serious eye damage/irritation:**

Causes serious eye damage.

**Respiratory or skin sensitisation:**

May cause an allergic skin reaction.

**Germ cell mutagenicity:**

Not classified

The hydrolysis product, methylethylketoxime, in lifetime inhalation studies in which mice and rats were exposed 6hrs/day, 5days/week for 18 and 24 months, respectively, showed a statistical increase in liver carcinomas at exposure levels of 375ppm. In vivo and in vitro studies did not indicate mutagenicity or genotoxicity.

**Carcinogenicity:**

Suspected of causing cancer.

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

IARC group 3 - Not classifiable

**Reproductive toxicity:**

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Suspected of damaging fertility or the unborn child.

Toluene is mildly toxic by inhalation and is reported as an experimental teratogen.

**STOT-single exposure:**

May cause drowsiness or dizziness.

**STOT-repeated exposure:**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard:**

Not classified

**Symptoms/effects after inhalation:**

May cause drowsiness or dizziness. May cause irritation to the respiratory tract. Vapors from decomposition or exposure to atmospheric moisture may cause a reversible narcotic effect. Overexposure may cause coma and respiratory failure.

**Symptoms/effects after skin contact:**

Causes skin irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact:**

Causes serious eye damage.

**Symptoms/effects after ingestion:**

Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

**Chronic symptoms:**

Subchronic oral toxicity studies with the hydrolysis product, methylethylketoxime, indicate that ingestion may produce blood effects, reducing the blood's ability to transport oxygen (methemoglobinemia and anemia.).

## SECTION 12: Ecological Effects

**Toxicity**

Acute aquatic toxicity Not classified

Chronic aquatic toxicity Not classified

Toluene (108-88-3)	
LC50 fish 1	15.22 - 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	5.46 - 9.83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Methylethylketoxime (96-29-7)	
LC50 fish 1	777 - 914 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	760 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])

**Persistence and degradability**

No data available

**Bioaccumulative potential**

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Toluene (108-88-3)	
Log Pow	2.65

Methylethylketoxime (96-29-7)	
BCF fish 1	0.5 - 5.8
Log Pow	0.65 (at 25 °C)

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

No additional information available

**Other adverse effects**

This substance may be hazardous to the environment.

**SECTION 13: Disposal considerations****Waste treatment methods****Product/Packaging disposal recommendations:**

May be incinerated. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.

**Additional information:**

Handle empty containers with care because residual vapours are flammable.

**Ecology - waste materials:**

Avoid release to the environment.

**SECTION 14: Transport Information****UN number**

In accordance with ADR / RID / IMDG / IATA / ADN

UN-No. (ADR)	1993
UN-No. (IMDG)	1993
UN-No. (IATA)	1993
UN-No. (ADN)	1993
UN-No. (RID)	1993

**UN proper shipping name**

Proper Shipping Name (ADR)	FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (IMDG)	FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (IATA)	FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (ADN)	FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (RID)	FLAMMABLE LIQUID, N.O.S.

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**Transport hazard class(es)**

<b>ADR</b>	3
<b>IMDG</b>	3
Transport hazard class(es) (IMDG)	3
<b>IATA</b>	3
<b>AND</b>	3
<b>RID</b>	3

**Packing group**

Packing group (ADR)	III
Packing group (IMDG)	III
Packing group (IATA)	III
Packing group (ADN)	III
Packing group (RID)	III

**Environmental hazards**

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available

**SECTION 15:Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Contains no REACH Annex XIV substances

% Volatiles: > 90 %

**National regulations****Germany**

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen

The substance is not listed

SZW-lijst van mutagene stoffen

The substance is not listed

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NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

Toluene is listed.

## Denmark

Class for fire hazard

Class I-1

Store unit

1 liter

Classification remarks

F <Flam. Liq. 2>; Emergency management guidelines for the storage of flammable liquids must be followed.

## Danish National Regulations:

Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal.

## Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other Information

### Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.

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H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.