

# Safety data sheet

## CLEAR 25

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(30367703/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

CompanyBASF Construction Chemicals  
100 Campus Drive  
Florham Park, NJ 0793224 Hour Emergency Response InformationCHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
1330-20-7	15.0 - 40.0 %	Xylene
100-41-4	5.0 - 10.0 %	ethylbenzene
112945-52-5	3.0 - 7.0 %	Silica
72623-87-1	1.0 - 5.0 %	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based
72623-86-0	1.0 - 5.0 %	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
72623-85-9	1.0 - 5.0 %	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity
64742-54-7	1.0 - 5.0 %	Distillates (petroleum), hydrotreated heavy paraffinic
64742-52-5	1.0 - 5.0 %	Distillates (petroleum), hydrotreated heavy naphthenic
64742-46-7	1.0 - 5.0 %	Distillates (petroleum), hydrotreated middle
8042-47-5	1.0 - 5.0 %	White mineral oil (petroleum)

### 3. Hazard identification

Emergency overview

WARNING: FLAMMABLE LIQUID AND VAPOR.  
CONTAINS MATERIAL WHICH CAN CAUSE CANCER.  
MAY BE HARMFUL IF SWALLOWED.  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.  
Overexposure may cause CNS depression including headache, dizziness, nausea and loss of consciousness.  
Keep container tightly closed.  
Avoid all sources of ignition: heat, sparks, open flame.

Potential health effects**Primary routes of exposure**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

**Acute toxicity:**

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No data available.

### **Irritation:**

Skin contact may result in irritation, defatting and dermatitis. Irritating to eyes and respiratory system.

### **Repeated dose toxicity:**

Overexposure may cause CNS depression including headache, dizziness, nausea and loss of consciousness.

*Information on: Xylene*

*Overexposure may cause liver and kidney toxicity.*

*The substance may cause damage to the central nervous system after repeated ingestion of high doses.*

### **Potential environmental effects**

#### **Aquatic toxicity:**

At the present state of knowledge, no negative ecological effects are expected.

There is a high probability that the product is not acutely harmful to aquatic organisms.

The product has not been tested. The statement has been derived from products of a similar structure and composition.

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## 4. First-aid measures

### **General advice:**

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

### **If inhaled:**

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

### **If on skin:**

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

### **If in eyes:**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### **If swallowed:**

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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## 5. Fire-fighting measures

Flash point: 80 °F

Autoignition:

No data available.

Lower explosion limit: 1.0 %(V)

Upper explosion limit: 6.7 %(V)

### **Suitable extinguishing media:**

foam, water spray, dry extinguishing media, carbon dioxide

### **Unsuitable extinguishing media for safety reasons:**

water jet

### **Hazards during fire-fighting:**

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

### **Protective equipment for fire-fighting:**

Wear a self-contained breathing apparatus.

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### Further information:

Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure build up due to heat. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Sources of ignition should be kept well clear. Handle in accordance with good building materials hygiene and safety practice.

### Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Cleanup:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

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## 7. Handling and storage

### Handling

#### General advice:

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

#### Protection against fire and explosion:

Keep away from heat. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

### Storage

#### General advice:

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store protected against freezing.

#### Storage incompatibility:

General: Segregate from metals. Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

Xylene	OSHA	PEL 100 ppm 435 mg/m <sup>3</sup> ;
	ACGIH	TWA value 100 ppm ; STEL value 150 ppm ;
ethylbenzene	OSHA	PEL 100 ppm 435 mg/m <sup>3</sup> ;
	ACGIH	TWA value 100 ppm ; STEL value 125 ppm ;
Distillates (petroleum), hydrotreated heavy naphthenic	OSHA	PEL 500 ppm 2,000 mg/m <sup>3</sup> ;

### Personal protective equipment

#### Respiratory protection:

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

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### Hand protection:

Wear chemical resistant protective gloves., Manufacturer's directions for use should be observed because of great diversity of types.

### Eye protection:

Tightly fitting safety goggles (chemical goggles).

### Body protection:

Body protection must be chosen based on level of activity and exposure.

### General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

## 9. Physical and chemical properties

Form:	paste	
Odour:	solvent-like	
Colour:	various colours	
pH value:		not applicable
Boiling point:	136.12 - 315.00 °C	
Vapour pressure:		( 25 °C)
Density:	0.98 g/cm3	
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Solubility in other solvents:		slightly soluble

## 10. Stability and reactivity

### Substances to avoid:

strong acids, strong bases, strong oxidizing agents

### Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

### Decomposition products:

Thermal decomposition products: carbon oxides

## 11. Toxicological information

### Chronic toxicity

#### Carcinogenicity:

*Information on: ethylbenzene*

*IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*Information on: Distillates (petroleum), hydrotreated heavy naphthenic*

*The substance showed carcinogenic activity in animals after chronic administration to the skin.*

*The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known human carcinogen).*

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### Developmental toxicity/teratogenicity:

*Information on: Xylene*

*A teratogenic potential cannot be excluded.*

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### Other information:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

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## 12. Ecological information

### Environmental toxicity

#### Other ecotoxicological advice:

Ecological data are not available.

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## 13. Disposal considerations

### Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application.

Dispose of in accordance with national, state and local regulations.

### Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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## 14. Transport information

### Land transport

USDOT

Hazard class:	3
Packing group:	III
ID number:	UN 1133
Hazard label:	3
Proper shipping name:	ADHESIVES (contains XYLENE)

### Sea transport

IMDG

Hazard class:	3
Packing group:	III
ID number:	UN 1133
Hazard label:	3
Marine pollutant:	NO
Proper shipping name:	ADHESIVES (contains XYLENE)

### Air transport

IATA/ICAO

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Hazard class: 3  
Packing group: III  
ID number: UN 1133  
Hazard label: 3  
Proper shipping name: ADHESIVES (contains XYLENE)

### 15. Regulatory information

#### Federal Regulations

**Registration status:**  
TSCA, US

**OSHA hazard category:** IARC 1, 2A or 2B carcinogen, Chronic target organ effects reported, ACGIH TLV established, Flammable Liquid

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
1000 LBS	100-41-4; 108-88-3	ethylbenzene; Toluene
100 LBS	1330-20-7	Xylene
10 LBS	71-43-2	Benzene

**SARA hazard categories (EPCRA 311/312):** Acute, Chronic, Fire

#### SARA 313:

<u>CAS Number</u>	<u>Chemical name</u>
100-41-4	ethylbenzene
1330-20-7	Xylene

#### State regulations

##### State RTK

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
1330-20-7	Xylene	MA, PA
100-41-4	ethylbenzene	MA, NJ, PA
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	PA

#### CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

### 16. Other information

#### HMIS III rating

Health: 2 $\square$  Flammability: 3 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

#### Local contact information

NTU/R NA

END OF DATA SHEET