



The Chemical Company

# Safety data sheet

## T-Maz® 80 K

Revision date : 2008/04/29  
Version: 1.1

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(30085293/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company  
BASF CORPORATION  
100 Campus Drive  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information  
CHEMTREC: 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>
9005-65-6	100.0 %	Polysorbate 80

### 3. Hazard identification

#### Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE GASTRIC DISTURBANCES.  
Use with local exhaust ventilation.  
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.  
Wear protective clothing.  
Wear NIOSH-certified chemical goggles.  
Wear chemical resistant protective gloves.  
Eye wash fountains and safety showers must be easily accessible.

#### 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.

### 4. First-aid measures

#### **General advice:**

Remove contaminated clothing.

#### **If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

#### **If on skin:**

Wash thoroughly with soap and water.

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If irritation develops, seek medical attention.

**If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Seek medical attention.

**If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

**Note to physician**

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-fighting measures

Flash point: > 100 °C

**Suitable extinguishing media:**

water, dry extinguishing media, foam

**Hazards during fire-fighting:**

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**

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.

**Environmental precautions:**

Do not discharge into drains/surface waters/groundwater.

**Cleanup:**

Place absorbed material in the same container as the spilled substance/product for disposal.

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

**Further information:**

High risk of slipping due to leakage/spillage of product.

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### 7. Handling and storage

**Handling**

**General advice:**

No special measures necessary provided product is used correctly.

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**Protection against fire and explosion:**

Take precautionary measures against static discharges.

**Storage****General advice:**

Keep container tightly closed and dry; store in a cool place.

**Storage incompatibility:**

General: Segregate from acids and bases. Segregate from strong oxidizing agents.

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## 8. Exposure controls and personal protection

**Advice on system design:**

Provide adequate exhaust ventilation to control work place concentrations.

**Personal protective equipment****Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.

**Hand protection:**

Chemical resistant protective gloves

Consult with glove manufacturer for testing data.

**Eye protection:**

Safety glasses with side-shields.

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

**General safety and hygiene measures:**

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and chemical properties

Form:	liquid	
Odour:	mild	
Colour:	yellow	
pH value:	7	
:	> 268 °C	
Vapour pressure:	< 0.35 mmHg	( 20 °C)
Density:	1.08 - 1.09 g/cm <sup>3</sup>	( 25 °C)
Solubility in water:		( 25 °C) fully soluble

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## 10. Stability and reactivity

**Substances to avoid:**

strong oxidizing agents

**Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.

The product is chemically stable.

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**Decomposition products:**

Hazardous decomposition products: No hazardous decomposition products known.

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### 11. Toxicological information

**Acute toxicity**

**Oral:**

LD50/rat: > 5,000 mg/kg

**Skin irritation:**

rabbit: non-irritant (Draize test)

**Eye irritation :**

rabbit: non-irritant (Draize test)

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### 12. Ecological information

**Environmental fate and transport**

**Biodegradation:**

Evaluation: Not readily biodegradable (by OECD criteria).  
Moderately/partially biodegradable.

**Environmental toxicity**

**Acute and prolonged toxicity to fish:**

DIN 38412 Part 15 golden orfe/LC50 (96 h): > 100 mg/l

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### 13. Disposal considerations

**Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations.  
It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

**Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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### 14. Transport information

**Land transport**

USDOT

Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

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**Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory information

**Federal Regulations****Registration status:**

TSCA, US released / listed

**OSHA hazard category:** Not hazardous

<b><u>CERCLA RQ</u></b>	<b><u>CAS Number</u></b>	<b><u>Chemical name</u></b>
100 LBS	123-91-1	1,4-dioxane
10 LBS	75-21-8	Ethylene Oxide

**SARA hazard categories (EPCRA 311/312):** Not hazardous**State regulations****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.

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## 16. Other information

**HMIS III rating**

Health: 1 Flammability: 1 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.

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