

# Safety Data Sheet

## T-Maz® 60 K

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Version: 2.0

(30085287/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

#### T-Maz® 60 K

#### Recommended use of the chemical and restriction on use

Recommended use\*: surfactants

Suitable for use in industrial sector: chemical industry

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: unspecified  
Synonyms: POLYSORBATE 60K

### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

Aquatic Acute 3 Hazardous to the aquatic environment - acute

#### Label elements

Hazard Statement:  
H402 Harmful to aquatic life.

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Precautionary Statements (Prevention):  
P273 Avoid release to the environment.

Precautionary Statements (Disposal):  
P501 Dispose of contents/container to hazardous or special waste collection point.

### **According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### **Emergency overview**

**CAUTION:**

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
INGESTION MAY CAUSE GASTRIC DISTURBANCES.

Avoid contact with the skin, eyes and clothing.

Avoid inhalation of dusts/mists/vapours.

Use with local exhaust ventilation.

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Wear NIOSH-certified chemical goggles.

Wear protective clothing.

Wear chemical resistant protective gloves.

### **3. Composition / Information on Ingredients**

#### **According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
9005-67-8	100.0 %	Sorbitan, monooctadecanoate, poly(oxy-1,2-ethanediyl) derivs.

#### **According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
9005-67-8	100.0 %	Sorbitan, monooctadecanoate, poly(oxy-1,2-ethanediyl) derivs.
10191-41-0	100.0 PPM	DL-Alpha-Tocopherol

### **4. First-Aid Measures**

#### **Description of 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.

If irritation develops, seek medical attention.

**If in eyes:**

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

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Seek medical attention.

**If swallowed:**

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

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

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

Note to physician

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

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## 5. Fire-Fighting Measures

**Extinguishing media**

Suitable extinguishing media:  
water spray, dry powder, foam

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

Hazards during fire-fighting:

harmful vapours

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

**Advice for fire-fighters**

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

Further accidental release measures:

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

**Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Information regarding personal protective measures see, section 8.

**Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

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.

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

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### 7. Handling and Storage

#### Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Take precautionary measures against static discharges.

#### Conditions for safe storage, including any incompatibilities

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

Suitable materials for containers: Stainless steel 1.4404

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

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### 8. Exposure Controls/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

##### Eye protection:

Safety glasses with side-shields.

##### General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

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### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	mild	
Colour:	amber	
pH value:	5 - 7	
Boiling point:	> 149 °C	( 1,013 hPa)
Flash point:	> 149 °C	(ASTM D93)
Vapour pressure:	< 1.3 hPa	( 25 °C)
Density:	1.08 g/cm <sup>3</sup>	( 25 °C)
Relative density:	1.08	( 25 °C)
% volatiles:	< 4 %	
Solubility in water:		soluble

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### 10. Stability and Reactivity

#### Reactivity

Corrosion to metals:  
No corrosive effect on metal.

#### Chemical stability

#### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

#### Conditions to avoid

#### Incompatible materials

No data available.

#### Hazardous decomposition products

Decomposition products:  
Hazardous decomposition products: No hazardous decomposition products known.

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### 11. Toxicological information

#### Primary routes of exposure

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

#### Acute Toxicity/Effects

##### Oral

Type of value: LD50  
Species: rat  
Value: > 5,000 mg/kg

##### Skin

Species: rabbit  
Result: non-irritant

##### Eye

Species: rabbit  
Result: non-irritant

#### Chronic Toxicity/Effects

##### Other Information

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

#### Symptoms of Exposure

Medical conditions aggravated by overexposure

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Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product. See MSDS section 11 - Toxicological information.

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## 12. Ecological Information

### Toxicity

#### Toxicity to fish

LC50 (96 h) 90 mg/l, Oncorhynchus mykiss (static)

### Microorganisms/Effect on activated sludge

#### Toxicity to microorganisms

bacterium/EC0: > 100 mg/l

### Persistence and degradability

#### Assessment biodegradation and elimination (H2O)

Readily biodegradable (according to OECD criteria).

#### Elimination information

> 70 %

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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

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

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### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Chemical TSCA, US released / listed

Cosmetic TSCA, US released / exempt

**EPCRA 311/312 (Hazard categories):** Not hazardous;

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

#### State regulations

##### CA Prop. 65:

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

##### NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special:

##### HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

### 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2015/03/12

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