

## SAFETY DATA SHEET

Creation Date 23-January-2014

Revision Date 24-December-2021

Revision Number 4

### 1. Identification

**Product Name** Taq DNA Polymerase, Buffer A

**Cat No. :** FB6000-10; FB6000-15; FB6000-20; FB6000-25; FB6000-30;  
FB6000-35; FB6000-40; FB6000-102; FB6000-104

**Synonyms** No information available

**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.

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

##### Company

**Importer/Distributor**  
Fisher Scientific  
112 Colonnade Road,  
Ottawa, ON K2E 7L6,  
Canada  
Tel: 1-800-234-7437

##### **Manufacturer**

Fisher Scientific Company  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

**Emergency Telephone Number** CHEMTREC®, Inside the USA: 800-424-9300  
CHEMTREC®, Outside the USA: 001-703-527-3887

### 2. Hazard(s) identification

#### Classification

**WHMIS 2015 Classification** Not classified under the Hazardous Products Regulations (SOR/2015-17)

Based on available data, the classification criteria are not met

#### Label Elements

None required

#### **Other Hazards**

Contains a known or suspected endocrine disruptor

### 3. Composition/Information on Ingredients

| Component | CAS-No | Weight % |
|-----------|--------|----------|
|-----------|--------|----------|

|   |           |        |
|---|-----------|--------|
| 1,2,3-Propanetriol  | 56-81-5   | > 50   |
| Water   | 7732-18-5 | > 50   |
| Potassium chloride  | 7447-40-7 | > 1    |
| Polyoxyethylene sorbitan monolaurate                                | 9005-64-5 | > 0.5  |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-(nonylphenyl)-.omega.-hydroxy- | 9016-45-9 | > 0.5  |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-,<br>hydrochloride       | 1185-53-1 | > 0.5  |
| 2,3-Butanediol, 1,4-dimercapto-, (R*,R*)-                           | 3483-12-3 | > 0.1  |
| Ethylenediaminetetraacetic acid                                     | 60-00-4   | > 0.01 |

#### 4. First-aid measures

|   |   |
|---|---|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.         |
| <b>Skin Contact</b>   | Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur. |
| <b>Inhalation</b>   | Remove to fresh air. Get medical attention immediately if symptoms occur.   |
| <b>Ingestion</b>  | Do NOT induce vomiting. Get medical attention if symptoms occur.  |
| <b>Most important symptoms/effects<br/>Notes to Physician</b> | None reasonably foreseeable.<br>Treat symptomatically   |

#### 5. Fire-fighting measures

|   |                          |
|---|--------------------------|
| <b>Unsuitable Extinguishing Media</b>   | No information available |
| <b>Flash Point</b>                      | Not applicable           |
| <b>Method -</b>                         | No information available |
| <b>Autoignition Temperature</b>         | No information available |
| <b>Explosion Limits</b>                 |                          |
| <b>Upper</b>                            | No data available        |
| <b>Lower</b>                            | No data available        |
| <b>Sensitivity to Mechanical Impact</b> | No information available |
| <b>Sensitivity to Static Discharge</b>  | No information available |

#### Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

#### Hazardous Combustion Products

None known.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### NFPA

**Health**  
1

**Flammability**  
0

**Instability**  
0

**Physical hazards**  
N/A

#### 6. Accidental release measures

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Ensure adequate ventilation. Use personal protective equipment as required. |
| <b>Environmental Precautions</b> | Should not be released into the environment.                                |

**Methods for Containment and Clean Up** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

**Handling** Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.

**Storage.** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls / personal protection

### Exposure Guidelines

| Component          | Alberta                   | British Columbia                                      | Ontario TWAEV | Quebec                    | ACGIH TLV | OSHA PEL   | NIOSH IDLH |
|--------------------|---------------------------|---|---------------|---------------------------|-----------|--|------------|
| 1,2,3-Propanetriol | TWA: 10 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup> |               | TWA: 10 mg/m <sup>3</sup> |           | (Vacated) TWA:<br>10 mg/m <sup>3</sup><br>(Vacated) TWA:<br>5 mg/m <sup>3</sup><br>TWA: 15 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> |            |

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists

### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

**Eye Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Hand Protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

| Glove material | Breakthrough time | Glove thickness | Glove comments         |
|----------------|-------------------|-----------------|------------------------|
| Natural rubber | See manufacturers | -               | Splash protection only |
| Nitrile rubber | recommendations   |                 |                        |
| Neoprene       |                   |                 |                        |
| PVC            |                   |                 |                        |

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Recommended Filter type:** Particle filter

### Environmental exposure controls

No information available.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

## 9. Physical and chemical properties

|   |                           |
|---|---------------------------|
| <b>Physical State</b>                         | Liquid                    |
| <b>Appearance</b>                             | Colorless                 |
| <b>Odor</b>                                   | No information available  |
| <b>Odor Threshold</b>                         | No information available  |
| <b>pH</b>                                     | 9                         |
| <b>Melting Point/Range</b>                    | No data available         |
| <b>Boiling Point/Range</b>                    | No information available  |
| <b>Flash Point</b>                            | Not applicable            |
| <b>Evaporation Rate</b>                       | No information available  |
| <b>Flammability (solid,gas)</b>               | Not applicable            |
| <b>Flammability or explosive limits</b>       |                           |
| <b>Upper</b>                                  | No data available         |
| <b>Lower</b>                                  | No data available         |
| <b>Vapor Pressure</b>                         | No information available  |
| <b>Vapor Density</b>                          | No information available  |
| <b>Specific Gravity</b>                       | No information available  |
| <b>Solubility</b>                             | Slightly soluble in water |
| <b>Partition coefficient; n-octanol/water</b> | No data available         |
| <b>Autoignition Temperature</b>               | No information available  |
| <b>Decomposition Temperature</b>              | No information available  |
| <b>Viscosity</b>                              | No information available  |
| <b>VOC Content(%)</b>                         | 50                        |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactive Hazard</b>                  | None known, based on information available |
| <b>Stability</b>                        | Stable under normal conditions.            |
| <b>Conditions to Avoid</b>              | Incompatible products. Excess heat.        |
| <b>Incompatible Materials</b>           | Strong oxidizing agents                    |
| <b>Hazardous Decomposition Products</b> | None under normal use conditions           |
| <b>Hazardous Polymerization</b>         | Hazardous polymerization does not occur.   |
| <b>Hazardous Reactions</b>              | None under normal processing.              |

## 11. Toxicological information

### Acute Toxicity

#### Product Information

**Oral LD50** Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

**Dermal LD50** Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

**Vapor LC50** Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

#### Component Information

| Component                | LD50 Oral                  | LD50 Dermal          | LC50 Inhalation              |
|--------------------------|----------------------------|----------------------|------------------------------|
| 1,2,3-Propanetriol       | 12600 mg/kg ( Rat )        | > 10 g/kg ( Rabbit ) | > 2.75 mg/L/4h ( Rat )(mist) |
| Water                    | -                          | -                    | -                            |
| Potassium chloride       | LD50 = 2600 mg/kg ( Rat )  | Not listed           | Not listed                   |
| Polyoxyethylene sorbitan | LD50 = 37000 mg/kg ( Rat ) | Not listed           | LC50 > 5.1 mg/L ( Rat ) 4 h  |

|   |   |  |              |
|---|---|--|--------------|
| monolaurate   |   |  |              |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-(nonylphenyl)-.omega.-hydroxy- | LD50 = 2590 mg/kg ( Rat )                 | LD50 = 1780 µL/kg ( Rabbit )           | Not listed   |
| 1,3-Propanediol,<br>2-amino-2-(hydroxymethyl)-,<br>hydrochloride    | OECD 425 (Rat)<br>LD50 > 5000 mg/kg bw    | OECD 402 (Rat)<br>LD50 > 5000 mg/kg bw | Not listed   |
| 2,3-Butanediol, 1,4-dimercapto-,<br>(R*,R*)-                        | 400 mg/kg ( Rat )                         | Not listed                             | Not listed   |
| Ethylenediaminetetraacetic acid                                     | 4500 mg/kg ( Rat )<br>>2000 mg/kg ( Rat ) | Not listed                             | 1 mg/l (rat) |

**Toxicologically Synergistic** No information available

**Products**

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Irritation** No information available

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Component   | CAS-No    | IARC       | NTP        | ACGIH      | OSHA       | Mexico     |
|---|-----------|------------|------------|------------|------------|------------|
| 1,2,3-Propanetriol  | 56-81-5   | Not listed | Not listed | Not listed | Not listed | Not listed |
| Water   | 7732-18-5 | Not listed | Not listed | Not listed | Not listed | Not listed |
| Potassium chloride  | 7447-40-7 | Not listed | Not listed | Not listed | Not listed | Not listed |
| Polyoxyethylene sorbitan monolaurate                                | 9005-64-5 | Not listed | Not listed | Not listed | Not listed | Not listed |
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-(nonylphenyl)-.omega.-hydroxy- | 9016-45-9 | Not listed | Not listed | Not listed | Not listed | Not listed |
| 1,3-Propanediol,<br>2-amino-2-(hydroxymethyl)-, hydrochloride       | 1185-53-1 | Not listed | Not listed | Not listed | Not listed | Not listed |
| 2,3-Butanediol,<br>1,4-dimercapto-,<br>(R*,R*)-                     | 3483-12-3 | Not listed | Not listed | Not listed | Not listed | Not listed |
| Ethylenediaminetetraacetic acid                                     | 60-00-4   | Not listed | Not listed | Not listed | Not listed | Not listed |

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** None known

**STOT - repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information**

| Component   | EU - Endocrine Disruptors<br>Candidate List | EU - Endocrine Disruptors -<br>Evaluated Substances | Japan - Endocrine Disruptor<br>Information |
|---|---|---|--|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-(nonylphenyl)-.omega.-hydroxy- | Group III Chemical                          | Not applicable                                      | Not applicable                             |

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### Ecotoxicity

Do not empty into drains.

| Component  | Freshwater Algae                                 | Freshwater Fish  | Microtox                          | Water Flea                                   |
|--|--|--|-----------------------------------|--|
| 1,2,3-Propanetriol   | Not listed                                       | LC50: 51 - 57 mL/L, 96h static (Oncorhynchus mykiss)   | Not listed                        | Not listed                                   |
| Potassium chloride   | EC50: 2500 mg/L/72h                              | Lepomis macrochirus: LC50: 1060 mg/L /96h<br>Pimephales promelas: LC50: 750 - 1020 mg/L /96h                     | Not listed                        | EC50: 825 mg/L/48h                           |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride | Not listed                                       | Not listed   | OECD 209<br>EC50 > 1000 mg/L (3h) | Daphnia Magna<br>EC50 >100 mg/L (48h)        |
| Ethylenediaminetetraacetic acid                            | EC50: = 1.01 mg/L, 72h (Desmodesmus subspicatus) | LC50: 34 - 62 mg/L, 96h static (Lepomis macrochirus)<br>LC50: 44.2 - 76.5 mg/L, 96h static (Pimephales promelas) | Not listed                        | EC50: = 113 mg/L, 48h Static (Daphnia magna) |

**Persistence and Degradability** No information available

**Bioaccumulation/ Accumulation** No information available.

**Mobility** No information available.

| Component  | log Pow |
|--|---------|
| 1,2,3-Propanetriol   | -1.76   |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride | -3.6    |

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

**DOT** Not regulated  
**TDG** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

## 15. Regulatory information

### International Inventories

| Component  | CAS-No    | DSL | NDSL | TSCA | TSCA Inventory notification - Active-Inactive | EINECS    | ELINCS | NLP       |
|--|-----------|-----|------|------|---|-----------|--------|-----------|
| 1,2,3-Propanetriol   | 56-81-5   | X   | -    | X    | ACTIVE  | 200-289-5 | -      | -         |
| Water  | 7732-18-5 | X   | -    | X    | ACTIVE  | 231-791-2 | -      | -         |
| Potassium chloride   | 7447-40-7 | X   | -    | X    | ACTIVE  | 231-211-8 | -      | -         |
| Polyoxyethylene sorbitan monolaurate                             | 9005-64-5 | X   | -    | X    | ACTIVE  | -         | -      | 500-018-3 |
| Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | 9016-45-9 | X   | -    | X    | ACTIVE  | -         | -      | 500-024-6 |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride       | 1185-53-1 | X   | -    | X    | ACTIVE  | 214-684-5 | -      | -         |
| 2,3-Butanediol, 1,4-dimercapto-,                                 | 3483-12-3 | X   | -    | X    | ACTIVE  | 222-468-7 | -      | -         |

|                                 |         |   |   |   |        |           |   |   |
|---------------------------------|---------|---|---|---|--------|-----------|---|---|
| (R*,R*)-                        |         |   |   |   |        |           |   |   |
| Ethylenediaminetetraacetic acid | 60-00-4 | X | - | X | ACTIVE | 200-449-4 | - | - |

| Component  | CAS-No    | IECSC | KECL     | ENCS | ISHL | TCSI | AICS | NZIoC | PICCS |
|--|-----------|-------|----------|------|------|------|------|-------|-------|
| 1,2,3-Propanetriol   | 56-81-5   | X     | KE-29297 | X    | X    | X    | X    | X     | X     |
| Water  | 7732-18-5 | X     | KE-35400 | X    | -    | X    | X    | X     | X     |
| Potassium chloride   | 7447-40-7 | X     | KE-29086 | X    | X    | X    | X    | X     | X     |
| Polyoxyethylene sorbitan monolaurate                             | 9005-64-5 | X     | KE-31681 | X    | X    | X    | X    | X     | X     |
| Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | 9016-45-9 | X     | KE-26244 | X    | X    | X    | X    | X     | X     |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride       | 1185-53-1 | X     | KE-34819 | X    | -    | X    | X    | X     | X     |
| 2,3-Butanediol, 1,4-dimercapto-, (R*,R*)-                        | 3483-12-3 | X     | -        | -    | -    | X    | X    | X     | X     |
| Ethylenediaminetetraacetic acid                                  | 60-00-4   | X     | KE-13648 | X    | X    | X    | X    | X     | X     |

**Legend:**

X - Listed '-' - Not Listed

**KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**IECSC** - Chinese Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**ENCS** - Japanese Existing and New Chemical Substances**AICS** - Australian Inventory of Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**Canada**

SDS in compliance with provisions of information as set out in Canadian Standard - Part 4, Schedule 1 and 2 of the Hazardous Products Regulations (HPR) and meets the requirements of the HPR (Paragraph 13(1)(a) of the Hazardous Products Act (HPA)).

| Component  | Canada - National Pollutant Release Inventory (NPRI) | Canadian Environmental Protection Agency (CEPA) - List of Toxic Substances | Canada's Chemicals Management Plan (CEPA) |
|--|--|--|---|
| Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | Part 1, Group B Substance                            | Schedule I   |   |

**Other International Regulations****Authorisation/Restrictions according to EU REACH**

| Component  | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances  | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)   |
|--|---|--|---|
| Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | -   | Use restricted. See item 46[b]. (see link for restriction details)<br>Use restricted. See item 46a. (see link for restriction details) | SVHC Candidate list - 500-024-6; 932-998-7 - Endocrine disrupting properties, Article 57f - environment |
| Ethylenediaminetetraacetic acid                                  | -   | Use restricted. See item 75. (see link for restriction details)  | -   |

After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.

<https://echa.europa.eu/authorisation-list>

<https://echa.europa.eu/substances-restricted-under-reach>

<https://echa.europa.eu/candidate-list-table>

## Safety, health and environmental regulations/legislation specific for the substance or mixture

| Component  | CAS-No    | OECD HPV       | Persistent Organic Pollutant | Ozone Depletion Potential | Restriction of Hazardous Substances (RoHS) |
|--|-----------|----------------|------------------------------|---------------------------|--|
| 1,2,3-Propanetriol   | 56-81-5   | Listed         | Not applicable               | Not applicable            | Not applicable                             |
| Water  | 7732-18-5 | Listed         | Not applicable               | Not applicable            | Not applicable                             |
| Potassium chloride   | 7447-40-7 | Listed         | Not applicable               | Not applicable            | Not applicable                             |
| Polyoxyethylene sorbitan monolaurate                             | 9005-64-5 | Not applicable | Not applicable               | Not applicable            | Not applicable                             |
| Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | 9016-45-9 | Listed         | Not applicable               | Not applicable            | Not applicable                             |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride       | 1185-53-1 | Not applicable | Not applicable               | Not applicable            | Not applicable                             |
| 2,3-Butanediol, 1,4-dimercapto-, (R*,R*)-                        | 3483-12-3 | Not applicable | Not applicable               | Not applicable            | Not applicable                             |
| Ethylenediaminetetraacetic acid                                  | 60-00-4   | Listed         | Not applicable               | Not applicable            | Not applicable                             |

| Component  | CAS-No    | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements | Rotterdam Convention (PIC) | Basel Convention (Hazardous Waste) |
|--|-----------|---|--|----------------------------|------------------------------------|
| 1,2,3-Propanetriol   | 56-81-5   | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Water  | 7732-18-5 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Potassium chloride   | 7447-40-7 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Polyoxyethylene sorbitan monolaurate                             | 9005-64-5 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- | 9016-45-9 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride       | 1185-53-1 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| 2,3-Butanediol, 1,4-dimercapto-, (R*,R*)-                        | 3483-12-3 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Ethylenediaminetetraacetic acid                                  | 60-00-4   | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |

## 16. Other information

## Prepared By

Regulatory Affairs  
Thermo Fisher Scientific  
Email: EMSDS.RA@thermofisher.com

## Creation Date

23-January-2014

## Revision Date

24-December-2021

## Print Date

24-December-2021

## Revision Summary

This document has been updated to comply with the requirements of WHMIS 2015 to align with the Globally Harmonised System (GHS) for the Classification and Labelling of Chemicals.

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text



**End of SDS**