# Safety Data Sheet

according to Regulation (EU) No. 1907/2006

## G-POWER PG101 / PG102



## 1. Identification of the substance/preparation and of the company/undertaking

**Identification of the substance or preparation**

G-POWER PG101 / PG102

**Company/undertaking identification**


| | |
|---|---|
| Company name : | The Timken Company |
| Street : | 1835 Dueber Avenue, S.W. |
| Place : | USA- Canton, OH 44706-2798 |
| e-mail : | webmaster@timken.com |
| Inquiry office : | Spill Center 1-800-456-9083 |
| Emergency telephone : | (049) 06131 19240 |
| | United Kingdom +44 171 955 5095 |


## 2. Hazards identification

**Classification**

This preparation is not classified as dangerous according to Directive 1999/45/EC.
Not applicable for intact lubricator. Due to structural measures of the cap, the contained dangerous materials are not freely available with foreseeable use.

In the event of an accident (breaking the lubricator), a release of the materials can not be excluded completely.
In the event of breaking the lubricator and release of materials: See section 6 and 8.

## 3. Composition/information on ingredients

**Chemical characterization** ( Mixture )

### Hazardous components

| EC-No. | CAS-No. | Chemical name | Quantity | Classification |
|---|---|---|---|---|
| 203-473-3 | 107-21-1 | Ethanediol | 25 - 40 % | Xn R22 |
| 201-069-1 | 77-92-9 | Citric acid | 5 - 15 % | Xi R36 |
| 205-381-9 | 139-89-9 | Trisodium 2-(carboxylatomethyl(2-hydroxyethyl) amino)ethyliminodi(acetate) | 5 - 15 % | Xi R36 |
| 215-185-5 | 1310-73-2 | Sodium hydroxide | 1 - 3 % | C R35 |

Full text of each relevant R phrase can be found in heading 16.

**Further Information**

Due to structural measures of the cap, the contained dangerous materials are not freely available with foreseeable use.

## 4. First aid measures

**After inhalation**

Not applicable for intact lubricator.
In the event of breaking the lubricator and release of materials: See section 6.

**After contact with skin**

Not applicable for intact lubricator.
In the event of breaking the lubricator and release of materials: See section 6.

**After contact with eyes**

Not applicable for intact lubricator.
In the event of breaking the lubricator and release of materials: See section 6.

**After ingestion**

Not applicable for intact lubricator.
In the event of breaking the lubricator and release of materials: See section 6.

## 5. Fire-fighting measures

**Suitable extinguishing media**

Carbon dioxide (CO2), foam, chemical fire extinguisher , sprayed water stream .
Water mist may be used to cool closed containers.

**Extinguishing media which must not be used for safety reasons**

None.

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

In the event of a fire, the following substances may be formed: carbon oxides, nitrogen oxides (NOx).
Risk of formation of toxic pyrolysis products.

**Special protective equipment for fire-fighters**

In the event of fire, wear self-contained breathing apparatus. Complete protection suit and compressed air breathing apparatus.

**Additional information**

Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

## 6. Accidental release measures

**Personal precautions**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Keep people away from and upwind of spill/leak. Secure the danger area. Use personal protective equipment. Use respiratory equipment when gases, vapours/aerosols form.

Inhalation:
Fresh air supply. If coughing, difficult breathing or other symptoms of poisoning occur, even after several hours, call a physician immediately.
Skin contact:
Wash off with soap and plenty of water immediately. Take off all contaminated clothing immediately.
Eye contact:
Rinse with plenty of water immediately, also under the eyelids, for at least 15 minutes. Consult an ophthalmologist immediately.
Ingestion:
Do not induce vomiting. Rinse mouth. If conscious, drink plenty of water.
Obtain medical attention.

**Environmental precautions**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Contact the responsible authority immediately if the product ends up in the soil, a body of water, or the sewer system.

**Methods for cleaning up/taking up**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Use mechanical handling equipment. Dispose of as described in chapter 13.

## 7. Handling and storage

### Handling

**Advice on safe handling**

Do not drop.

**Advice on protection against fire and explosion**

Keep away from open flames, hot surfaces, and sources of ignition.

### Storage

**Requirements for storage rooms and vessels**

Recommended storage temperature: 20°C ± 10 °C. When not in use, the product must be stored in its original transport packing. Keep container tightly closed. Keep in a well-ventilated place.

**Advice on storage compatibility**

Not applicable for intact lubricator.

## 8. Exposure controls/personal protection

### Exposure limit values

**Exposure limits (EH40)**

| CAS-No. | Chemical name | ml/m³ | mg/m³ | F/ml | Category | Origin |
|---|---|---|---|---|---|---|
| 107-21-1 | Ethane-1,2-diol, vapour | 20 | 52 | | TWA (8 h) | WEL |
| | | 40 | 104 | | STEL (15 min) | WEL |
| 1310-73-2 | Sodium hydroxide | - | - | | TWA (8 h) | WEL |
| | | - | 2 | | STEL (15 min) | WEL |

### Exposure controls

**Protective and hygiene measures**

Not applicable for intact lubricator.
Wash hands before breaks and at the end of the workday.

**Respiratory protection**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Respirator with combination filter for vapour/particulate.

**Hand protection**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Protective gloves. The manufacturer recommends the following glove materials: butyl rubber, > 120 min (EN 374).
Safety gloves should be selected for the actual conditions of use and in accordance with the instructions for use provided by the manufacturer.

**Eye protection**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Safety glasses with side-shields.

## 9. Physical and chemical properties

**General information**

| | |
|---|---|
| Physical state : | cap |
| Colour : | Not relevant |
| Odour : | Not relevant |

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

**Other information**

Not applicable for intact lubricator.

## 10. Stability and reactivity

**Conditions to avoid**

Keep away from open flames, hot surfaces, and sources of ignition.

**Materials to avoid**

Avoid contact with strong oxidising agents.

**Hazardous decomposition products**

In the event of breaking the lubricator and release of materials:
carbon oxides, nitrogen oxides (NOx).

The release of the following substances is possible in a fire: See section 5

## 11. Toxicological information

**Acute toxicity**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Ethanediol :
This substance is suspected to induce renal toxicity. Effects of breathing high concentrations of vapour may include irritation to respiratory organs, headache, nausea, dizziness and unconsciousness. Vapours may cause drowsiness and dizziness.

Ingestion: LDlo (oral, human) approx. 100 ml.
Harmful if swallowed. Main symptoms: headache, increased pulse rate, nausea, vomiting, lowered blood pressure, dizziness, unconsciousness, spasm, Lung edema. Symptoms may appear later. Liver and kidney damage. Nervous system disorders. The reaction time can be reduced. Coordination and equilibrium disorders can occur. circulatory collapse.

**Specific effects in experiment on an animal**

Not applicable for intact lubricator.

**Corrosive and irritant effects**

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Ethanediol :
Skin contact: Mild skin irritation.
Eye contact: Contact with eyes may cause irritation. (redness)

## 12. Ecological information

**Ecotoxicity**

Not applicable for intact lubricator.

**Mobility**

Not applicable for intact lubricator.

**Persistence and degradability**

Not applicable for intact lubricator.

**Bioaccumulative potential**

Not applicable for intact lubricator.

**Other adverse effects**

Not applicable for intact lubricator.

**Further information**

Not applicable for intact lubricator.

Should not be released into the environment.

## 13. Disposal considerations

**Advice on disposal**

Disposal in accordance with the official regulations. Recovery or recycling, if possible. Contact manufacturer.

**Waste disposal number of waste from residues/unused products**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste.

**Contaminated packaging**

Not applicable for intact lubricator.

## 14. Transport information

**Land transport (ADR/RID)**

**Description of the goods**

Not classified as dangerous regarding transport regulations.

**Marine transport**

**Description of the goods**

Not classified as dangerous regarding transport regulations.

**Air transport**

**Description of the goods**

Not classified as dangerous regarding transport regulations.

## 15. Regulatory information

**Labelling**

**Additional advice on labelling**

Not applicable for lubricator.

**National regulatory information**

## 16. Other information

**Full text of R-phrases referred to under sections 2 and 3**

| | |
|---|---|
| 22 | Harmful if swallowed. |
| 35 | Causes severe burns. |
| 36 | Irritating to eyes. |

**Further Information**

The information is based on present levels of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.
The product is to be used exclusively for the applications named in the technical leaflet or in the processing instructions.
The receiver of our product is singulary responsible for adhering to existing laws and regulations.

n.a. = not applicable
n.d. = not determined
n.d.a. = No data available.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*