Safety Data Sheet

according to Regulation (EU) No. 1907/2006

G-POWER PG103

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

Identification of the substance or preparation

G-POWER PG103

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

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
200-580-7	64-19-7	Acetic acid	10 -< 25 %	C R10-35
200-661-7	67-63-0	Isopropanol	5 - 15 %	F, Xi R11-36-67
205-381-9	139-89-9	Trisodium 2-(carboxylatomethyl(2-hydroxyethyl) amino)ethyliminodi(acetate)	5 - 15 %	Xi R36

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

Foam, chemical fire extinguisher , carbon dioxide (CO2), 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

Depending on the conditions of the fire, the following combustion products could be formed/ given off: toxic pyrolysis products, carbon oxides, nitrogen oxides (NOx)

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.
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.

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.

Further information on storage conditions

Protect from heat and direct sunlight.

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m³	mg/m³	F/ml	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	EU
		15	37		STEL (15 min)	EU
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Not applicable for intact lubricator.
Avoid contact with eyes. 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:
Respirator with combination filter for vapour/particulate.
Protective gloves (EN 374). The manufacturer recommends the following glove materials: butyl rubber.
Penetration time of the glove material: 120 min. 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

In the event of breaking the lubricator and release of materials:
Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

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

Additional information

Possible formation of explosive compounds.

11. Toxicological information

Acute toxicity

Not applicable for intact lubricator.

In the event of breaking the lubricator and release of materials:
Acetic acid:
LD50/oral/rat: 3310 mg/kg

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:
May cause eye/skin irritation.

Further information

No data is available on the product itself.

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

UN number :	3363
IMDG code :	9
Hazard label :	9
IMDG packing group :	-
EmS :	F-A,S-P
Limited quantity :	SV 301

Description of the goods

Dangerous Goods in apparatus

Air transport

UN/ID number :	3363
ICAO/IATA-DGR :	9
Hazard label :	9
ICAO packing group :	-

Description of the goods

Dangerous Goods in apparatus

15. Regulatory information

Labelling

Additional advice on labelling

Not applicable for lubricator.

National regulatory information

Water contaminating class (D) : 2 - water contaminating

16. Other information

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

10	Flammable.
11	Highly flammable.
35	Causes severe burns.
36	Irritating to eyes.
67	Vapours may cause drowsiness and dizziness.

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.)