



# SAFETY DATA SHEET

## Section 1: Identification of the chemical product and of the supplier

**Commercial name** Timken GR237

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

**Recommended use** Lubricating grease.

**Recommended restrictions** For industrial use only.

### Manufacturer/Importer/Supplier/Distributor information

#### Supplier

**Company name** The Timken Company  
**Address** 4500 Mount Pleasant Street NW  
North Canton, OH 44720  
United States

**Telephone** (234) 262-3000

**Website** Not available.

**Supplier's e-mail address** Not available.

**Contact person** INFOTRAC

**Emergency telephone number in Chile** 1-800-535-5053

## Section 2: Hazards identification

### Classification according to GHS

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

### Label elements

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The mixture does not meet the criteria for classification.

#### Precautionary statement

**Prevention** Not assigned.

**Response** Not assigned.

**Storage** Not assigned.

**Disposal** Not assigned.

**Other hazards** None known.

## Section 3: Composition/information on ingredients

### Mixture

Systematic chemical name	Common or generic name	Concentration range	CAS number
Asphalt		2,5	8052-42-4
<b>Classification:</b>	Flam. Liq. 2;H225, Eye Irrit. 2;H319		
Fatty acids, C16-22, lithium salts		1,29	68783-36-8
<b>Classification:</b>	-		
Polysulfide, di-tert-butyl-		0,14	68937-96-2
<b>Classification:</b>	Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410		

## Section 4: First-aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

<b>Expected acute effects</b>	None known.
<b>Expected delayed effects</b>	None known.
<b>Most important symptoms/effects</b>	Direct contact with eyes may cause temporary irritation.
<b>Protection for first-aid providers</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Special notes for treating physician</b>	Treat symptomatically.

## Section 5: Fire-fighting measures

<b>Extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Inappropriate extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific associated hazards</b>	During fire, gases hazardous to health may be formed.
<b>Specific extinguishing methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>Precautions for emergency personnel and/or firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## Section 6: Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Methods and material for containment, confinement, and/or abatement</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Additional measures for preventing disasters</b>	Not available.
<b>Other information related to discharges/spills</b>	Not available.

## Section 7: Handling and storage

### Handling

<b>Precautions for safe handling</b>	Avoid prolonged exposure. Observe good industrial hygiene practices.
<b>Operational and technical measures</b>	No specific recommendations.
<b>Other precautions</b>	Use personal protection recommended in Section 8 of the SDS.
<b>Prevention of contact</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Storage

<b>Conditions for safe storage</b>	Store away from incompatible materials (see Section 10 of the SDS).
<b>Technical measures</b>	No specific recommendations.
<b>Incompatible substances and mixtures</b>	Strong oxidizing agents. For further information, please refer to section 10 of the SDS.
<b>Materials for containers and/or packaging</b>	Store in original tightly closed container.

## Section 8: Exposure controls/personal protection

### Maximum permissible concentration

Chile. OELs (Decree 594/1999, Regulating Basic Health and Environmental Conditions in the Workplace and Setting Permissible Levels of Exposure to Chemical and Physical Agents), as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	LPP	4 mg/m <sup>3</sup>	Fume.

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	0,5 mg/m <sup>3</sup>	Inhalable fume.

### Biological limit values

ACGIH Biological Exposure Indices (BEI)

Components	Value	Determinant	Specimen	Sampling Time
Asphalt (CAS 8052-42-4)	2,5 µg/l	1-Hydroxypyrene, with hydrolysis (1-HP)	Urine	*

\* - For sampling details, please see the source document.

### Individual protection measures, such as personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Eye protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Engineering measures</b>	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

## Section 9: Physical and chemical properties

### Appearance

<b>Physical state</b>	Solid.
<b>Form</b>	Grease.
<b>Color</b>	Amber.

**Odor** Mild. Petroleum solvent.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Not applicable.

### Upper/lower explosive limits

**Explosion limit - lower (%)** Not available.

**Explosion limit - upper (%)** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** Not available.

**Density** Not available.

### Solubility(ies)

**Solubility (water)** Insoluble in water.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Viscosity** Not available.  
**Explosive properties** Not explosive.  
**Oxidizing properties** Not oxidizing.

## Section 10: Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.  
**Chemical stability** Material is stable under normal conditions.  
**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.  
**Conditions to avoid** Contact with incompatible materials.  
**Incompatible materials** Strong oxidizing agents.  
**Hazardous decomposition products** No hazardous decomposition products are known.

## Section 11: Toxicological information

### Information on toxicological effects

**Acute toxicity** Not expected to be acutely toxic.

Components	Species	Test Results
Asphalt (CAS 8052-42-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 hours
<b>Inhalation</b>		
LC50	Rat	> 94,4 mg/m3

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** The product contains a small amount of a sensitizing substance which may cause an allergic reaction in sensitive individuals.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Possible routes of exposure** Skin contact.

## Section 12: Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** The product is insoluble in water. Expected to have low mobility in soil.

## Section 13: Information regarding the disposal of the substance or mixture

**Remains/residues** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated container, packaging and contaminated materials** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Wastewater discharge** Avoid discharge into drains, water courses or onto the ground.

**Other special precautions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

## Section 14: Transport information

### Classification according to NCh382

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## Section 15: Regulatory information

### National regulations

Ministry of Health Regulations On Classification, Labelling, and Notification for Hazardous Chemical Substances and Mixtures, Decree 57 of November 26, 2019  
NCh.1411/4/1978 - Safety signs for risk identification  
NCh.2245/2015 - Safety Data Sheet for chemicals  
D.S. 594/1999 - Decree Regulating Basic Health and Environmental Conditions in the Workplace  
D.S. 298/1994 - Regulates the road transportation of hazardous substances  
D.S. 148/2003 - Health Regulations on Hazardous Waste Management  
D.S. 43/2015 - Storage of hazardous substances  
NCh 382/2021 - Dangerous Goods

**Controlled chemical substances susceptible to manufacturing of narcotics and psychotropic drugs, Lists I, II, III (Decree 1358, published April 17, 2007)**

Not listed.

**Prohibited Substances (Reg. 594/1999, art. 65, as of Nov. 8, 2012)**

Not listed.

### International regulations

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Montreal Protocol

Not applicable.

#### Kyoto Protocol

Not applicable.

#### Basel Convention

Asphalt (CAS 8052-42-4)

## Section 16: Other information

**List of abbreviations** Not available.

**References** Not available.

**Classification according to NCh382** Not regulated as dangerous goods.

**Label according to NCh2190** Not available.

**Revision date** -

**Referenced hazard warnings** H225 Highly flammable liquid and vapor.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

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The Timken Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.