



# SAFETY DATA SHEET

Issue Date No data available

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** LPF 5356

**Safety data sheet number** G1840

**Recommended Use** Production of tires and other rubber products.

**Company Name** The Goodyear Tire & Rubber Company, 200 Innovation Way, Akron, Ohio 44316-0001 U.S.A.  
Goodyear Canada Inc. 450 Kipling Ave. Etobicoke, Ontario M8Z 5E1 Canada

**Company Phone Number** Technical Assistance 1.330.796.1906

**24 Hour Emergency Phone Number** Goodyear / 24 hour Assistance 1.330.796.5111

**Emergency Telephone** Chemtrec (USA) 1.800.424.9300  
Canutec (Canada) 1.613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)


|                    |             |
|--------------------|-------------|
| Skin sensitization | Category 1B |
|--------------------|-------------|

### Label elements

#### Emergency Overview

**Warning**

**Hazard statements**  
May cause an allergic skin reaction



**Appearance** white      **Physical state** liquid      **Odor** No information available

### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other hazards**

None known

**Other Information**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name              | CAS No    | Weight-% |
|----------------------------|-----------|----------|
| Styrene-Butadiene polymer  | 9003-55-8 | >50      |
| 1,2-Benzisothiazolin-3-one | 2634-33-5 | 0.1-1.0  |

Chemical Additions

Composition may vary due to batch process.

### 4. FIRST AID MEASURES

**First aid measures**

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact** Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

**Self-protection of the first aider** Use personal protective equipment as required.

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

**Symptoms** May cause allergic skin reaction.

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

**Note to physicians** May cause sensitization of susceptible persons. Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous combustion products** Carbon oxides.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Soak up with inert absorbent material. Use personal protective equipment as required. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

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

**Storage Conditions** Keep out of the reach of children. Keep container tightly closed.

**Incompatible materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                       |                          |             |                          |
|-----------------------|--------------------------|-------------|--------------------------|
| <b>Physical state</b> | liquid                   | <b>Odor</b> | No information available |
| <b>Appearance</b>     | white                    |             |                          |
| <b>Odor threshold</b> | No information available |             |                          |

| <u>Property</u>                      | <u>Values</u>     | <u>Remarks • Method</u> |
|--------------------------------------|-------------------|-------------------------|
| <b>pH</b>                            | 9.5 - 12.4        |                         |
| <b>Melting point/freezing point</b>  | No data available | None known              |
| <b>Boiling point / boiling range</b> | 100 °C / 212 °F   |                         |
| <b>Flash point</b>                   |                   | None known              |
| <b>Evaporation rate</b>              | Not applicable    | None known              |
| <b>Flammability (solid, gas)</b>     | No data available | None known              |
| <b>Vapor pressure</b>                | Not applicable    | None known              |
| <b>Vapor density</b>                 | Not applicable    | None known              |
| <b>Specific Gravity</b>              | No data available | None known              |
| <b>Water solubility</b>              | No data available | None known              |
| <b>Solubility in other solvents</b>  | No data available | None known              |
| <b>Partition coefficient</b>         | No data available | None known              |
| <b>Autoignition temperature</b>      | No data available | None known              |
| <b>Decomposition temperature</b>     | No data available | None known              |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No data available        |
| <b>Molecular weight</b> | Not applicable           |
| <b>VOC Content (%)</b>  | No data available        |
| <b>Density</b>          | No information available |
| <b>Bulk density</b>     | No information available |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | No acute toxicity information is available for this product |
| <b>Inhalation</b>          | May cause irritation of respiratory tract.                  |
| <b>Eye contact</b>         | May cause irritation.                                       |
| <b>Skin Contact</b>        | May cause sensitization by skin contact.                    |
| <b>Ingestion</b>           | Ingestion may cause irritation to mucous membranes.         |

**Component Information**

| Chemical Name                           | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|---|----------------------|-------------|-----------------|
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 | = 1020 mg/kg ( Rat ) | -           | -               |

**Information on toxicological effects**

**Symptoms** None known.

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

**Sensitization** May cause sensitization of susceptible persons.

**Germ cell mutagenicity** No information available.

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

| Chemical Name                          | ACGIH | IARC    | NTP | OSHA |
|--|-------|---------|-----|------|
| Styrene-Butadiene polymer<br>9003-55-8 |       | Group 3 |     |      |

*IARC (International Agency for Research on Cancer)*

*Not classifiable as a human carcinogen*

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic toxicity** Repeated contact may cause allergic reactions in very susceptible persons.

**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**Persistence and degradability**

No information available.

| Chemical Name                           | Partition coefficient |
|---|-----------------------|
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 | 1.3                   |

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261)

**Contaminated packaging** Do not reuse container.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

| Component   | TSCA | DSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---|------|-----|---------|--------|---------|-------|---------|-------|------|
| Styrene-Butadiene polymer<br>9003-55-8 ( >50 )      | X    | X   | X       |        | Present | X     | Present | X     | X    |
| 1,2-Benzisothiazolin-3-one<br>2634-33-5 ( 0.1-1.0 ) | X    | X   | Present |        | Present | X     | Present | X     | X    |

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals

| Chemical Name            | California Proposition 65                          |
|--------------------------|--|
| 1,3-Butadiene - 106-99-0 | Carcinogen<br>Developmental<br>Female Reproductive |

#### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------|------------|---------------|--------------|
|               |            |               |              |

|  |   |  |  |
|--|---|--|--|
| Styrene-Butadiene polymer<br>9003-55-8 | X |  |  |
|--|---|--|--|

### International Regulations

#### **Mexico - Grade**

No information available

#### **Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

#### **WHMIS Hazard Class**

Non-controlled

## 16. OTHER INFORMATION

|             |                   |                |                    |                                    |
|-------------|-------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 2  | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 2* | Flammability 0 | Physical hazards 0 | Personal protection X              |

\* = Chronic Health Hazard

#### **Revision Date**

29-Nov-2012

#### **Revision Note**

No information available

#### **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 Safety Data Sheet**