



SAFETY DATA SHEET

US GHS

Revision Date 17-Jan-2017

Version 9

Issue Date No data available

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name LPF7814

Safety data sheet number G3836F

Alternate Name None

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: +1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency Overview

Signal word

None

Hazard statements

None

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance white

Odor No information available

Physical state Liquid

Precautionary statements

Prevention

None required

Hazards not otherwise classified (HNOC)

Not applicable

Other hazards

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
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Styrene-Butadiene polymer	9003-55-8	60-75
Water	7732-18-5	25-40

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.
Inhalation	Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Ingestion	Not an expected route of exposure. Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms None known

Indication of any immediate medical attention and special treatment needed

Note to physicians 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

None in particular.

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 Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal

binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials None known based on information supplied.

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 Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	No information available
Appearance	white		
Odor threshold	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	9.8 - 10.5		
Melting point/freezing point	No data available	None known	
Boiling point / boiling range	Not applicable	None known	
Flash point		None known	
Evaporation rate	Not applicable	None known	
Flammability (solid, gas)	No data available	Upper flammability limits	No data available
		Lower flammability limit	No data available
		Vapor pressure	Not applicable
		Vapor density	Not applicable
		Specific Gravity	No data available
		Water solubility	
		Solubility in other solvents	No data available
		Partition coefficient	No data available
		Autoignition temperature	No data available
None known			
None known			
None known			
None known			
None known			
None known			

None known

Decomposition
temperatureRevision Date 17-Jan-2017
No data available

None known

Other Information

Softening point No data available
Molecular weight Not applicable
Density No information available
Bulk density No information available

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information** No acute toxicity information is available for this product**Inhalation** None known.**Eye contact** None known.**Skin Contact** None known.**Ingestion** None known.**Component Information** No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/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** No information available.**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 9003-55-8		Group 3		

IARC (International Agency for Research on Cancer)

Group 3 - Not classified

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

STOT - repeated exposure No information available.
Aspiration hazard No information available.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 32501
ATEmix (dermal) 88650
ATEmix (inhalation-dust/mist) 148

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not classified

70.47% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Bioaccumulation

MATERIAL DOES NOT BIOACCUMULATE.

Mobility

No information available.

Persistence and degradability

NOT READILY BIODEGRADABLE.

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 9003-55-8 (60-75)	X	X	X		Present	X	Present	X	X

Water 7732-18-5 (25-40)	X	X	Present			X	Present	X	X
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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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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 Developmental Female Reproductive

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Styrene-Butadiene polymer 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

16. OTHER INFORMATION

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

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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