



SAFETY DATA SHEET

US GHS

Revision Date 11-Jul-2017

Version 7

Issue Date No data available

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name BUD4001, BUDENE 4001
Safety data sheet number G0063C
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.
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 amber	Odor No information available	Physical state Solid

Precautionary statements

Prevention

None required

Hazards not otherwise classified (HNOC)

Not applicable

Other hazards

0% of the mixture consists of ingredient(s) of unknown toxicity
No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
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1,3-Butadiene, homopolymer	9003-17-2	60-100
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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. Drink plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	None known
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media	None.
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Specific hazards arising from the chemical

None in particular.

Hazardous combustion products	Carbon oxides.
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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.
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Environmental precautions

Environmental precautions	See Section 12 for additional ecological information.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	None known.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use personal protection recommended in Section 8. Use with local exhaust ventilation.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store at room temperature. Keep in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs.

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 Wear protective gloves.

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

General Hygiene Considerations Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Odor	No information available
Appearance	amber		
Odor threshold	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not applicable	None known	
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	No data available
		Solubility in other solvents	No data available
		Partition coefficient	No data available
		Autoignition temperature	No data available
		Decomposition temperature	No data available
None known			
None known			
None known			
None known			
None known			
None known			
None known			
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

None known.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	None known.
Eye contact	None known.
Skin Contact	None known.
Ingestion	None known.

Component Information**Information on toxicological effects**

Symptoms	None known.
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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	Contains no ingredients above reportable quantities listed as a carcinogen
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Unknown Acute Toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity
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12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Bioaccumulation

No information available.

Mobility

No information available.

Persistence and degradability

No information available.

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
1,3-Butadiene, homopolymer 9003-17-2 (60-100)	X	X	X		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

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 contains the following substances which are regulated 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
4-Vinylcyclohexene - 100-40-3	Carcinogen Female Reproductive Male Reproductive
Nickel oxide - 1313-99-1	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
4-Vinylcyclohexene 100-40-3	X	X	X
Nickel oxide 1313-99-1	X	X	X
1,3-Butadiene, homopolymer 9003-17-2	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

NFPA	Health hazards 0	Flammability 1	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 0	Flammability 1	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