



# SAFETY DATA SHEET

US GHS

Revision Date 11-Oct-2012

Version 1

Issue Date No data available

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** POLYSTAY 100AZ, OLZAX

**Safety data sheet number** G0093

**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

### OSHA Regulatory Status

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

Skin sensitization	Category 1B
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### Emergency Overview

### Signal word

Warning

### Hazard statements

May cause an allergic skin reaction



**Appearance** blue brown

**Odor** Odorless

**Physical state** Solid

### 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

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other hazards**

0% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
DERIVATIVE, BENZENE-1,4-DIAMINE, N,N'-MIXED TOLYL AND XYLYL	68478-45-5	100

**4. FIRST AID MEASURES****First aid measures**

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors or decomposition products.
<b>Ingestion</b>	Not an expected route of exposure. Clean mouth with water. Drink plenty of water.

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

**Symptoms** rash

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

**Note to physicians** May cause sensitization by skin contact

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media** None.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**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** Avoid release to the environment. Collect spillage. See Section 12 for additional ecological information. Dispose of contents/container to an approved waste disposal plant.

**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.

## 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 containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known.

## 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** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Solid	<b>Odor</b>	Odorless
<b>Appearance</b>	blue brown		
<b>Odor threshold</b>	No information available		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	Not applicable	None known
<b>Melting point/freezing point</b>	110 °C / 230 °F	
<b>Boiling point / boiling range</b>	Not applicable	None known
<b>Flash point</b>		None known
<b>Evaporation rate</b>	Not applicable	None known

<b>Flammability (solid, gas)</b>	No data available	None known
None known		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	
<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>	200 °C	

**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**

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.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information
<b>Inhalation</b>	None known.
<b>Eye contact</b>	None known.
<b>Skin Contact</b>	May cause sensitization by skin contact.
<b>Ingestion</b>	None known.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
DERIVATIVE, BENZENE-1,4-DIAMINE, N,N'-MIXED TOLYL AND XYLYL 68478-45-5	= 6590 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 by skin contact.

<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredients above reportable quantities listed as a carcinogen
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	Not applicable.

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment

### Bioaccumulation

No information available.

### Mobility

Very slow.

### 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
DERIVATIVE, BENZENE-1,4-DIAMINE, N,N'-MIXED TOLYL AND XYLYL 68478-45-5 ( 100 )	X	X	Present			X	Present	X	

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - 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 contains a chemical or 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	Yes
Chronic Health Hazard	Yes
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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
o-Toluidine - 95-53-4	Carcinogen

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

D2B - Toxic materials



G0093 POLYSTAY 100AZ, OLZAX

<u>NFPA</u>	Health hazards 2	Flammability 1	Stability 0	Revision Date 11-Oct-2012
<u>HMIS</u>	Health hazards 2*	Flammability 1	Physical hazards 0	Physical and Chemical Properties - Personal protection -

\* = Chronic Health Hazard

Revision Date 11-Oct-2012

**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**