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Revision Date 28-Aug-2019

Version 1

**1. IDENTIFICATION****Product identifier****Product Name** Bostex 759**Other means of identification****Product Code** BOSTEX 759**UN/ID no** UN3082**Synonyms** Aqueous antioxidant emulsion**Recommended use of the chemical and restrictions on use****Recommended Use** Latex Additive.**Uses advised against** None known**Details of the supplier of the safety data sheet****Supplier Address**Akron Dispersions, Inc.  
3291 Sawmill Road  
P.O. Box 4195  
Akron, OH 44321**Emergency telephone number****Company Phone Number** 330-666-0045**Emergency Telephone** Chemtrec 1-800-424-9300 (Within USA and Canada), (+1) 703-741-5970 (Outside USA and Canada)**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

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

**Label elements****Emergency Overview**

<b>Appearance</b> Aqueous solution	<b>Physical state</b> Liquid	<b>Odor</b> Slight
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**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Harmful to aquatic life with long lasting effects Harmful to aquatic life

Unknown acute toxicity 52.66440011% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance****Synonyms** Aqueous antioxidant emulsion.

Chemical Name	CAS No	Weight-%	Trade Secret
Benzenamine, N-phenyl, styrenated	68442-68-2	25-35	*
Ditridecyl 3,3-thiodipropionate	10595-72-9	15-25	*
Diphenylamine	122-39-4	0-0.3	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

Non-hazardous ingredients are proprietary and comprise the balance of the formulation.

**4. FIRST AID MEASURES****Description of first aid measures****Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.**Skin contact** Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.**Inhalation** Remove to fresh air. If breathing is difficult seek medical attention.**Ingestion** If on skin: Wash with plenty of water.**Most important symptoms and effects, both acute and delayed****Symptoms** May cause irritation to skin and eyes.**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 known.**Specific hazards arising from the chemical**

May cause irritation to skin and eyes.

**Hazardous combustion products** Oxides of carbon, nitrogen, sulfur and sodium. Hydrogen sulfide.**Explosion data****Sensitivity to Mechanical Impact** No data available.**Sensitivity to Static Discharge** No data available.**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** Ensure adequate ventilation, especially in confined areas.

### Environmental precautions

**Environmental precautions** See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

**Methods for containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up** Sweep, vacuum or shovel into appropriate container.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a cool, dry area. Protect from freezing.

**Incompatible materials** Acids. Bases. Strong oxidizing agents. Rubber. Steel.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diphenylamine 122-39-4	TWA: 10 mg/m <sup>3</sup>	(vacated) TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>

### 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 and protective clothing.

**Respiratory protection** In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid	Odor	Slight
Appearance	Aqueous solution	Odor threshold	No information available
Color	White to off-white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8 - 11	
Melting point/freezing point	0 °C	
Boiling point / boiling range	100 °C	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	Miscible in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	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

Extremes of temperature and direct sunlight.

### Incompatible materials

Acids. Bases. Strong oxidizing agents. Rubber. Steel.

### Hazardous Decomposition Products

Oxides of carbon, nitrogen, sulfur and sodium. Hydrogen sulfide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzenamine, N-phenyl, styrenated 68442-68-2	> 5 g/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-
Ditridecyl 3,3-thiodipropionate 10595-72-9	> 2000 mg/kg ( Rat )	-	> 0.19 mg/L ( Rat ) 7 h
Diphenylamine 122-39-4	= 1120 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

### Information on toxicological effects

**Symptoms** No information available.

### 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** No information available.  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

### Numerical measures of toxicity - Product Information

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

ATEmix (oral)	16,079.00
ATEmix (dermal)	48,236.00
ATEmix (inhalation-dust/mist)	80.55

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

53.0831 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Diphenylamine 122-39-4	1.5: 72 h Scenedesmus subspicatus mg/L EC50	3.47 - 4.14: 96 h Pimephales promelas mg/L LC50 flow-through	1.69 - 2.46: 48 h Daphnia magna mg/L EC50

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Diphenylamine 122-39-4	3.4

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging** Do not reuse container.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Diphenylamine 122-39-4	-	Included in waste streams: F039, K083, K104	-	-

Chemical Name	California Hazardous Waste Status
Diphenylamine 122-39-4	Toxic

### 14. TRANSPORT INFORMATION

#### DOT

**UN/ID no** UN3082  
**Proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Benzenamine, N-Phenyl, Styrenated, Diphenylamine, Ditridecyl Thiodipropionate)  
**Hazard Class** 9  
**Packing Group** III

#### IATA

**UN/ID no** UN3082  
**Proper shipping name** Environmentally hazardous substances, liquid, n.o.s. (Benzenamine, N-phenyl, Styrenated, Ditridecylthiodipropionate)  
**Hazard Class** 9  
**Packing Group** III

#### IMDG

**UN/ID no** UN3082  
**Proper shipping name** Environmentally hazardous substances, liquid, n.o.s. (Benzenamine, N-phenyl, Styrenated, Ditridecylthiodipropionate)  
**Hazard Class** 9  
**Packing Group** III

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Listed

#### 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 does not contain a toxic chemical in excess of 1% of the mixture (0.1% if a listed carcinogen) and is not subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	SARA 313 - Threshold Values %
Diphenylamine - 122-39-4	1.0

#### 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 may contain the following Proposition 65 chemicals: Styrene (CAS 100-42-5)

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diphenylamine 122-39-4	X	X	X

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<b>NFPA</b>	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection B

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14 15 SDS sections updated

**Disclaimer**

The information provided in this SDS was compiled from sources which we believe are accurate and reliable. However, this information is provided without warranty, expressed or implied, regarding its correctness. It is the user's responsibility to determine the suitability of any material for a specific purpose and adopt such safety precautions as may be necessary. We do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of, or in any way connected with the handling, storage, use, or disposal of this product.

**End of Safety Data Sheet**