

Issue Date 25-Jan-2019

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Version 1

1. IDENTIFICATION**Product identifier****Product Name** Bostex 362C**Other means of identification****Product Code** BOSTEX 362C**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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Reproductive toxicity

Category 2

Label elements**Emergency Overview****Warning****Hazard statements**Suspected of damaging fertility or the unborn child
May cause long lasting harmful effects to aquatic life**Appearance** Aqueous solution**Physical state** Liquid**Odor** Slight

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Very toxic to aquatic life with long lasting effects Very toxic to aquatic life

Unknown acute toxicity

48.7857% 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
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	68610-51-5	20 - 40	*
Ditridecyl 3,3-thiodipropionate	10595-72-9	20 - 40	*

*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. Carbon steel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits 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.
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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.
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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	Cream to off-white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7-9	
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. Carbon steel.

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene 68610-51-5	> 2000 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	> 165 mg/L (Rat) 1 h
Ditridecyl 3,3-thiodipropionate 10595-72-9	> 2000 mg/kg (Rat)	-	> 0.19 mg/L (Rat) 7 h

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 (dermal) 15,977.03

12. ECOLOGICAL INFORMATION

Ecotoxicity

26.4644 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene 68610-51-5	0.2: 72 h Pseudokirchneriella subcapitata mg/L EC50	0.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	0.2: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

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.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

UN/ID no

UN3082

Proper shipping name

Environmentally hazardous substances, liquid, n.o.s. (Ditridecylthiodipropionate)

Hazard Class

9

Packing Group

III

IMDG

UN/ID no

UN3082

Proper shipping name

Environmentally hazardous substances, liquid, n.o.s. (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/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 does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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

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

Prepared By	Diane M. Hunsicker
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Revision Note	

SDS sections updated: 2

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