SAFETY DATA SHEET

Issue Date 04-Dec-2015 **Revision Date** 01-Nov-2016 **Version** 5

1. IDENTIFICATION

Product identifier

Product Name Bostex 841

Other means of identification

Product Code BOSTEX 841
UN/ID no. UN3082
Synonyms Aqueous masterbatch dispersion

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)

Acute toxicity - Oral	Category 4
Skin sensitization	Category 1
Reproductive toxicity	Category 2

Label elements

Emergency Overview

Warning

Hazard statements
Harmful if swallowed
May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child

Appearance Aqueous solution	**Physical state** Liquid	**Odor** Ammoniacal

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
Specific treatment (see .? on this label)
IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
Rinse mouth

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
Causes mild skin irritation Very toxic to aquatic life with long lasting effects Very toxic to aquatic life

Unknown acute toxicity 12.71% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance
Synonyms Aqueous masterbatch dispersion.

Chemical Name	CAS No.	Weight-%	Trade Secret
Zinc oxide	1314-13-2	10 - 20	*
Zinc diethyldithiocarbamate	14324-55-1	5 - 10	*
Zinc 2-Mercaptobenzothiazole	155-04-4	3 - 10	*
1,3-Diphenylguanidine	102-06-7	3 - 10	*
2-Mercaptobenzothiazole	149-30-4	1 - 5	*
Ammonium hydroxide	1336-21-6	0 - 0.10	*
Formaldehyde	50-00-0	0 - 0.002	*
Quinoline	91-22-5	0 - 0.002	*
Cadmium and compounds (as Cd)	7440-43-9	0 - 0.0009	*
Naphthalene	91-20-3	0 - 0.0006	*
Lead	7439-92-1	0 - 0.0002	*

*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, eyes, and respiratory tract. Do not drink alcoholic beverages immediately before or after handling-may cause violent nausea and vomiting. May cause skin sensitization or allergic eczema.

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
The product causes irritation of eyes, skin and mucous membranes.

Hazardous combustion products Oxides of carbon, nitrogen, zinc, sodium, phosphorus, and sulfur. Hydrogen cyanide. Hydrogen sulfide. Carbon disulfide. Phenolic compounds. Dibutylamine.

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 Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials Strong oxidizing agents. Strong acids. Strong bases. Hydrocarbons. Magnesium. Nitrosating agents. May corrode steel. Corrosive to aluminum, copper and copper alloys.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits .

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Zinc oxide 1314-13-2	STEL: 10 mg/m^3 respirable fraction TWA: 2 mg/m^3 respirable fraction	TWA: 5 mg/m^3 fume TWA: 15 mg/m^3 total dust TWA: 5 mg/m^3 respirable fraction (vacated) TWA: 5 mg/m^3 fume (vacated) TWA: 10 mg/m^3 total dust (vacated) TWA: 5 mg/m^3 respirable fraction (vacated) STEL: 10 mg/m^3 fume	IDLH: 500 mg/m^3 Ceiling: 15 mg/m^3 dust TWA: 5 mg/m^3 dust and fume STEL: 10 mg/m^3 fume
Formaldehyde 50-00-0	Ceiling: 0.3 ppm	TWA: 0.75 ppm (vacated) TWA: 3 ppm unless specified in 1910.1048 (vacated) STEL: 10 ppm 30 min unless specified in 1910.1048 (vacated) Ceiling: 5 ppm unless specified in 1910.1048 STEL: 2 ppm see 29 CFR 1910.1048	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm
Cadmium and compounds (as Cd) 7440-43-9	TWA: 0.01 mg/m^3 TWA: 0.002 mg/m^3 respirable fraction TWA: 0.01 mg/m^3 Cd TWA: 0.002 mg/m^3 Cd respirable fraction	TWA: 0.1 mg/m^3 fume applies to any operations or sectors for which the Cadmium standard is stayed or otherwise not in effect TWA: 0.2 mg/m^3 dust applies to any operations or sectors for which the Cadmium standard is stayed or otherwise not in effect TWA: 5 µg/m^3 (vacated) STEL: 0.3 ppm fume Ceiling: 0.3 mg/m^3 fume applies to any operations or sectors for which the Cadmium standard is stayed or otherwise not in effect Ceiling: 0.6 mg/m^3 dust applies to any operations or sectors for which the Cadmium standard is stayed or otherwise not in effect	IDLH: 9 mg/m^3 dust IDLH: 9 mg/m^3 Cd dust and fume
Naphthalene 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m^3 (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m^3 (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m^3	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m^3 STEL: 15 ppm STEL: 75 mg/m^3
Lead	TWA: 0.05 mg/m^3 TWA: 0.05 mg/m^3	TWA: 50 µg/m^3 TWA: 50 µg/m^3 Pb	IDLH: 100 mg/m^3 IDLH: 100 mg/m^3

7439-92-1	Pb		Pb TWA: 0.050 mg/m^3 TWA: 0.050 mg/m^3 Pb

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		
Appearance	Aqueous solution	**Odor**	Ammoniacal
Color	Light beige to yellow	**Odor threshold**	No information available

Property	**Values**	**Remarks • Method**
pH	9-11	
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
Strong oxidizing agents. Strong acids. Strong bases. Hydrocarbons. Magnesium. Nitrosating agents. May corrode steel. Corrosive to aluminum, copper and copper alloys.

Hazardous Decomposition Products
Oxides of carbon, nitrogen, zinc, sodium, phosphorus, and sulfur. Hydrogen cyanide. Hydrogen sulfide. Carbon disulfide. Phenolic compounds. Dibutylamine.

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
Zinc oxide 1314-13-2	> 5000 mg/kg (Rat)	-	-
Zinc diethyldithiocarbamate 14324-55-1	= 700 mg/kg (Rat)	-	-
Zinc 2-Mercaptobenzothiazole 155-04-4	= 540 mg/kg (Rat)	-	-
1,3-Diphenylguanidine 102-06-7	= 323 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
2-Mercaptobenzothiazole 149-30-4	= 100 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-
Formaldehyde 50-00-0	= 100 mg/kg (Rat)	= 270 mg/kg (Rabbit)	= 0.578 mg/L (Rat) 4 h
Quinoline 91-22-5	= 331 mg/kg (Rat)	= 540 µL/kg (Rabbit)	-
Cadmium and compounds (as Cd) 7440-43-9	= 1140 mg/kg (Rat)	-	= 25 mg/m^3 (Rat) 30 min
Naphthalene 91-20-3	= 490 mg/kg (Rat) = 1110 mg/kg (Rat)	> 20 g/kg (Rabbit) = 1120 mg/kg (Rabbit)	> 340 mg/m^3 (Rat) 1 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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Zinc oxide 1314-13-2	-	-	Reasonably Anticipated	X
Formaldehyde 50-00-0	A2	Group 1	Known	X
Cadmium and compounds (as Cd) 7440-43-9	A2	Group 1	Known	X
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	X
Lead 7439-92-1	A3	Group 2A	Reasonably Anticipated	X

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) 1,442.00
ATEmix (dermal) 14,641.89

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a marine pollutant according to DOT.

Ecotoxicity

6.99066 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
1,3-Diphenylguanidine 102-06-7	2.6: 72 h Desmodesmus subspicatus mg/L EC50 2: 72 h Pseudokirchneriella subcapitata mg/L EC50 1.7: 96 h Pseudokirchneriella subcapitata mg/L EC50	11: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Pimephales promelas mg/L LC50 static 9.6: 96 h Lepomis macrochirus mg/L LC50 static	17: 48 h Daphnia magna mg/L EC50
2-Mercaptobenzothiazole 149-30-4	0.25: 96 h Pseudokirchneriella subcapitata mg/L EC50	1.32 - 2.73: 96 h Lepomis macrochirus mg/L LC50 static 0.42: 96 h Oncorhynchus mykiss mg/L LC50 static 11: 96 h Pimephales promelas mg/L LC50 static	4.1: 48 h Daphnia magna mg/L EC50
Ammonium hydroxide 1336-21-6	-	8.2: 96 h Pimephales promelas mg/L LC50	0.66: 48 h Daphnia pulex mg/L EC50 0.66: 48 h water flea mg/L EC50
Formaldehyde 50-00-0	-	0.032 - 0.226: 96 h Oncorhynchus mykiss mL/L LC50 flow-through 100 - 136: 96 h Oncorhynchus mykiss mg/L LC50 static 22.6 - 25.7: 96 h Pimephales promelas mg/L LC50 flow-through 23.2 - 29.7: 96 h Pimephales promelas mg/L LC50 static 1510: 96 h Lepomis macrochirus µg/L LC50 static 41: 96 h Brachydanio rerio mg/L LC50 static	11.3 - 18: 48 h Daphnia magna mg/L EC50 Static 2: 48 h Daphnia magna mg/L LC50

Quinoline 91-22-5	84: 72 h Desmodesmus subspicatus mg/L EC50 static 90: 96 h Desmodesmus subspicatus mg/L EC50 static 51: 4 h Pseudokirchneriella subcapitata mg/L EC50	40: 96 h Poecilia reticulata mg/L LC50 static 46: 96 h Pimephales promelas mg/L LC50 static 77.8: 96 h Pimephales promelas mg/L LC50 flow-through	45.9 - 57.3: 48 h Daphnia magna mg/L EC50 Static 28.5: 48 h Daphnia magna mg/L EC50
Cadmium and compounds (as Cd) 7440-43-9	-	0.0004 - 0.003: 96 h Pimephales promelas mg/L LC50 0.002: 96 h Cyprinus carpio mg/L LC50 0.003: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.006: 96 h Oncorhynchus mykiss mg/L LC50 static 0.016: 96 h Oryzias latipes mg/L LC50 0.24: 96 h Cyprinus carpio mg/L LC50 static 21.1: 96 h Lepomis macrochirus mg/L LC50 flow-through 4.26: 96 h Cyprinus carpio mg/L LC50 semi-static	0.0244: 48 h Daphnia magna mg/L EC50 Static
Naphthalene 91-20-3	0.4: 72 h Skeletonema costatum mg/L EC50	0.91 - 2.82: 96 h Oncorhynchus mykiss mg/L LC50 static 5.74 - 6.44: 96 h Pimephales promelas mg/L LC50 flow-through 1.6: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.99: 96 h Pimephales promelas mg/L LC50 static 31.0265: 96 h Lepomis macrochirus mg/L LC50 static	1.09 - 3.4: 48 h Daphnia magna mg/L EC50 Static 1.96: 48 h Daphnia magna mg/L EC50 Flow through 2.16: 48 h Daphnia magna mg/L LC50
Lead 7439-92-1	-	0.44: 96 h Cyprinus carpio mg/L LC50 semi-static 1.17: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.32: 96 h Oncorhynchus mykiss mg/L LC50 static	600: 48 h water flea µg/L EC50

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Chemical Name	Partition coefficient
1,3-Diphenylguanidine 102-06-7	1.69
2-Mercaptobenzothiazole 149-30-4	2.3 - 2.5
Formaldehyde 50-00-0	0.35
Quinoline 91-22-5	1.88 - 2.06
Naphthalene 91-20-3	3.3

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
Formaldehyde 50-00-0	U122	Included in waste streams: K009, K010, K038, K040, K156, K157	-	U122
Cadmium and compounds (as Cd) 7440-43-9	-	Included in waste streams: F006, F039, K061, K069, K100	1.0 mg/L regulatory level	-
Naphthalene 91-20-3	U165	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145	-	U165
Lead 7439-92-1	-	Included in waste streams: F035, F037, F038, F039, K002, K003, K005, K046, K048, K049, K051, K052, K061, K062, K069, K086, K100, K176	5.0 mg/L regulatory level	-

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Naphthalene 91-20-3	-	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	-

Chemical Name	California Hazardous Waste Status
Zinc oxide 1314-13-2	Toxic
Zinc diethyldithiocarbamate 14324-55-1	Toxic
Zinc 2-Mercaptobenzothiazole 155-04-4	Toxic
Ammonium hydroxide 1336-21-6	Toxic Corrosive
Formaldehyde 50-00-0	Toxic Ignitable
Naphthalene 91-20-3	Toxic
Lead 7439-92-1	Toxic

14. TRANSPORT INFORMATION

DOT

UN/ID no. UN3082

Proper shipping name Environmentally hazardous substances, liquid, n.o.s. (2-Mercaptobenzothiazole, Zinc Diethyldithiocarbamate)

Hazard Class 9

Packing Group III

Marine pollutant This product contains a chemical which is listed as a marine pollutant according to DOT.

IATA

UN/ID no.	UN3082
Proper shipping name	Environmentally hazardous substances, liquid, n.o.s. (2-Mercaptobenzothiazole, Zinc Diethyldithiocarbamate)
Hazard Class	9
Packing Group	III

IMDG

UN/ID no.	UN3082
Proper shipping name	Environmentally hazardous substances, liquid, n.o.s. (2-Mercaptobenzothiazole, Zinc Diethyldithiocarbamate)
Hazard Class	9
Packing Group	III
Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

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 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

Chemical Name	SARA 313 - Threshold Values %
Zinc oxide - 1314-13-2	1.0
Zinc diethyldithiocarbamate - 14324-55-1	1.0
Zinc 2-Mercaptobenzothiazole - 155-04-4	1.0
2-Mercaptobenzothiazole - 149-30-4	1.0
Ammonium hydroxide - 1336-21-6	1.0
Formaldehyde - 50-00-0	0.1
Quinoline - 91-22-5	1.0
Cadmium and compounds (as Cd) - 7440-43-9	0.1
Naphthalene - 91-20-3	0.1
Lead - 7439-92-1	0.1

SARA 311/312 Hazard Categories

Acute health hazard	Yes
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)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc oxide 1314-13-2	-	X	-	-
Zinc diethyldithiocarbamate 14324-55-1	-	X	-	-
Zinc 2-Mercaptobenzothiazole 155-04-4	-	X	-	-
Ammonium hydroxide 1336-21-6	1000 lb	-	-	X
Formaldehyde 50-00-0	100 lb	-	-	X
Quinoline 91-22-5	5000 lb	-	-	X
Cadmium and compounds (as Cd) 7440-43-9	-	X	X	-
Naphthalene 91-20-3	100 lb	X	X	X
Lead 7439-92-1	-	X	X	-

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)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Formaldehyde 50-00-0	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ
Quinoline 91-22-5	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
Cadmium and compounds (as Cd) 7440-43-9	10 lb	-	RQ 10 lb final RQ RQ 4.54 kg final RQ
Naphthalene 91-20-3	100 lb 1 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
Lead 7439-92-1	10 lb	-	RQ 10 lb final RQ RQ 4.54 kg final RQ

US State Regulations

California Proposition 65

This product contains chemicals known to the state of California to cause birth defects or other reproductive harm

Chemical Name	California Proposition 65
Formaldehyde - 50-00-0	Carcinogen
Quinoline - 91-22-5	Carcinogen
Cadmium and compounds (as Cd) - 7440-43-9	Carcinogen Developmental Male Reproductive
Naphthalene - 91-20-3	Carcinogen
Lead - 7439-92-1	Carcinogen Developmental Female Reproductive Male Reproductive

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Zinc oxide 1314-13-2	X	X	X
Zinc diethyldithiocarbamate 14324-55-1	X	-	X
Zinc 2-Mercaptobenzothiazole 155-04-4	X	-	X
2-Mercaptobenzothiazole 149-30-4	X	-	-
Ammonium hydroxide 1336-21-6	X	X	X
Formaldehyde 50-00-0	X	X	X
Quinoline 91-22-5	X	X	X
Cadmium and compounds (as Cd) 7440-43-9	X	X	X
Naphthalene 91-20-3	X	X	X
Lead 7439-92-1	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

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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SDS sections updated: 1, 14

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