

# SAFETY DATA SHEET

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Version 3

## **1. IDENTIFICATION**

Product identifier Product Name

Bostex 862

Other means of identification Product Code UN/ID no. Synonyms

BOSTEX 862 UN3082 Aqueous masterbatch dispersion

## Recommended use of the chemical and restrictions on use Recommended Use Latex Additive.

Latex Additive. 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

Uses advised against

#### Emergency telephone number

Company Phone Number330-666-0045Emergency TelephoneChemtrec 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

#### Label elements

**Emergency Overview** 

## Warning

Hazard statements Harmful if swallowed May cause an allergic skin reaction



Appearance	Aqueous solution	Physical state	Liquid	Odor	Ammoniacal
Wash face, ha Do not eat, dr Avoid breathir	ink or smoke when usin ng dust/fume/gas/mist/v I work clothing should n	skin thoroughly after handling g this product	e		
Specific treatr IF ON SKIN: V If skin irritation Wash contam	y Statements - Respon nent (see .? on this labe Wash with plenty of soa n or rash occurs: Get me inated clothing before re (ED: Call a POISON CE	9) p and water edical advice/attention	feel unwell		
	<b>y Statements - Dispos</b> ntents/container to an a	<b>al</b> pproved waste disposal plant			
Hazards not of Not applicable	otherwise classified (H	INOC)			
Other Inform Causes mild s		to aquatic life with long lasting ef	fects Very toxic to aquatic life		
Unknown acu	te toxicity	22.72585% of the mixture cons	sists of ingredient(s) of unknowr	n toxicity	

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance Synonyms

Aqueous masterbatch dispersion.

Chemical Name	CAS No.	Weight-%	Trade Secret
Zinc oxide	1314-13-2	5 - 15	*
Zinc diethyldithiocarbamate	14324-55-1	1 - 10	*
Ammonium hydroxide	1336-21-6	0 - 0.03	*
Formaldehyde	50-00-0	0 - 0.003	*
Quinoline	91-22-5	0 - 0.003	*
Naphthalene	91-20-3	0 - 0.001	*
Cadmium and compounds (as Cd)	7440-43-9	0 - 0.00055	*
Lead	7439-92-1	0 - 0.0001	*

\*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 medica	I 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 productsOxides of carbon, nitrogen, sulfur and sodium. Carbon sulfide. 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	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 acids. Strong bases. Strong oxidizing agent Oxide has been reported to cause a violent explose batch.	

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Exposure Limits

	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> fume (vacated) TWA: 10 mg/m <sup>3</sup> total	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume
		TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> fume	TWA: 5 mg/m <sup>3</sup> dust and fume
		(vacated) TWA: 5 mg/m <sup>3</sup> fume	TWA: 5 mg/m <sup>3</sup> dust and fume
		(vacated) TWA: 5 mg/m <sup>3</sup> fume (vacated) TWA: 10 mg/m <sup>3</sup> total	STEL · 10 mg/m <sup>3</sup> fume
		(vacated) TWA: 10 mg/m <sup>3</sup> total	
		dust	
		(vacated) TWA: 5 mg/m <sup>3</sup> respirable	
		fraction	
Formaldehyde	Ceiling: 0.3 ppm	(vacated) STEL: 10 mg/m <sup>3</sup> fume TWA: 0.75 ppm	IDLH: 20 ppm
50-00-0	Cening. 0.3 ppm	(vacated) TWA: 3 ppm unless	Ceiling: 0.1 ppm 15 min
30-00-0		specified in 1910.1048	TWA: 0.016 ppm
		(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	
Naphthalene	TWA: 10 ppm	TWA: 10 ppm	IDLH: 250 ppm
91-20-3	S*	TWA: 50 mg/m <sup>3</sup>	TWA: 10 ppm
		(vacated) TWA: 10 ppm	TWA: 50 mg/m <sup>3</sup>
		(vacated) TWA: 50 mg/m <sup>3</sup>	STEL: 15 ppm
		(vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m <sup>3</sup>	STEL: 75 mg/m <sup>3</sup>
Cadmium and compounds (as Cd)	TWA: 0.01 mg/m <sup>3</sup>		IDLH: 9 mg/m <sup>3</sup> dust IDLH: 9 mg/m <sup>3</sup>
7440-43-9	TWA: 0.002 mg/m <sup>3</sup> respirable	any operations or sectors for which	Cd dust and fume
	fraction TWA: 0.01 mg/m <sup>3</sup> Cd	the Cadmium standard is stayed or	
	TWA: 0.002 mg/m <sup>3</sup> Cd respirable	otherwise not in effect	
	fraction	TWA: 0.2 mg/m <sup>3</sup> dust applies to	
		any operations or sectors for which	
		the Cadmium standard is stayed or	
		otherwise not in effect	
		TWA: 5 $\mu$ g/m <sup>3</sup>	
		(vacated) STEL: 0.3 ppm fume	
		Ceiling: 0.3 mg/m <sup>3</sup> fume applies to	
		any operations or sectors for which the Cadmium standard is stayed or	
		otherwise not in effect	
		Ceiling: $0.6 \text{ mg/m}^3$ dust applies to	
		any operations or sectors for which	
		the Cadmium standard is stayed or	
		otherwise not in effect	
Lead T 7439-92-1	WA: 0.05 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup> Pb	TWA: 50 μg/m³ TWA: 50 μg/m³ Pb	IDLH: 100 mg/m <sup>3</sup> IDLH: 100 mg/m <sup>3</sup> Pb
			TWA: 0.050 mg/m <sup>3</sup> TWA: 0.050 mg/m <sup>3</sup> 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 Appearance Color

Property
pH
Melting point/freezing point
Boiling point / boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
Flammability Limit in Air
Upper flammability limit:
Lower flammability limit:
Vapor pressure
Vapor density
Relative density
Water solubility
Solubility in other solvents
Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive properties
Oxidizing properties

#### **Other Information**

Softening point Molecular weight VOC Content (%) Density Bulk density Aqueous solution Light beige to yellow Values

Liquid

9-12 0 ℃ 100 ℃ No information available No information available No information available

No information available No information available No information available No information available No information available Miscible in water No information available No information available

No information available No information available No information available No information available No information available Odor Odor threshold Ammoniacal No information available

Remarks · Method

## **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 acids. Strong bases. Strong oxidizing agents. Magnesium. Hydrocarbons. Zinc Oxide has been reported to cause a violent explosion when mixed in a chlorinated rubber batch.

#### Hazardous Decomposition Products

Oxides of carbon, nitrogen, sulfur and sodium. Carbon sulfide. Nitrogen 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
Zinc oxide 1314-13-2	> 5000 mg/kg (Rat)	-	-
Zinc diethyldithiocarbamate 14324-55-1	= 700 mg/kg (Rat)	-	-
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)	-
Naphthalene 91-20-3	= 490 mg/kg (Rat) = 1110 mg/kg (Rat)	> 20 g/kg (Rabbit)= 1120 mg/kg (Rabbit)	> 340 mg/m <sup>3</sup> (Rat)1 h
Cadmium and compounds (as Cd) 7440-43-9	= 1140 mg/kg (Rat)	-	= 25 mg/m <sup>3</sup> (Rat)30 min

#### Information on toxicological effects

Symptoms

No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization Germ cell mutagenicity Carcinogenicity	No information	No information available. No information available. No information available.			
Chemical Name	ACGIH	IARC	NTP	OSHA	
Zinc oxide 1314-13-2	-	-	Reasonably Anticipated	Х	
Formaldehyde 50-00-0	A2	Group 1	Known	Х	
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	Х	
Cadmium and compounds (as Cd) 7440-43-9	A2	Group 1	Known	Х	
Lead 7439-92-1	A3	Group 2A	Reasonably Anticipated	Х	

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)

ATEmix (dermal)

1,185.00 37,262.56

## **12. ECOLOGICAL INFORMATION**

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

#### Ecotoxicity

22.15585 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ammonium hydroxide	-	8.2: 96 h Pimephales promelas	0.66: 48 h Daphnia pulex mg/L
1336-21-6		mg/L LC50	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	11.3 - 18: 48 h Daphnia magna mg/L EC50 Static 2: 48 h Daphnia
		- 136: 96 h Oncorhynchus mykiss	magna mg/L LC50
		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	
Quinoline	84: 72 h Desmodesmus subspicatus		45.9 - 57.3: 48 h Daphnia magna
91-22-5	mg/L EC50 static 90: 96 h Desmodesmus subspicatus mg/L	LC50 static 46: 96 h Pimephales promelas mg/L LC50 static 77.8: 96	mg/L EC50 Static 28.5: 48 h Daphnia magna mg/L EC50
	EC50 static 51: 4 h	h Pimephales promelas mg/L LC50	Daprinia magna mg/L EC50
	Pseudokirchneriella subcapitata	flow-through	
	mg/L EC50	nen in eegn	
Naphthalene	0.4: 72 h Skeletonema costatum	0.91 - 2.82: 96 h Oncorhynchus	1.09 - 3.4: 48 h Daphnia magna
91-20-3	mg/L EC50	mykiss mg/L LC50 static 5.74 - 6.44:	mg/L EC50 Static 1.96: 48 h
		96 h Pimephales promelas mg/L	Daphnia magna mg/L EC50 Flow
		LC50 flow-through 1.6: 96 h Oncorhynchus mykiss mg/L LC50	through 2.16: 48 h Daphnia magna mg/L LC50
		flow-through 1.99: 96 h Pimephales	mg/L LC50
		promelas mg/L LC50 static 31.0265:	
		96 h Lepomis macrochirus mg/L	
		LC50 static	
Cadmium and compounds (as Cd)	-	0.0004 - 0.003: 96 h Pimephales	0.0244: 48 h Daphnia magna mg/L
7440-43-9		promelas mg/L LC50 0.002: 96 h	EC50 Static
		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	
Lead	-	0.44: 96 h Cyprinus carpio mg/L	600: 48 h water flea µg/L EC50
7439-92-1		LC50 semi-static 1.17: 96 h	
		Oncorhynchus mykiss mg/L LC50	
		flow-through 1.32: 96 h	
		Oncorhynchus mykiss mg/L LC50	
		static	

## Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
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

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

#### Waste treatment methods

**Disposal of wastes** 

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
Naphthalene 91-20-3	U165	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145	-	U165
Cadmium and compounds (as Cd) 7440-43-9	-	Included in waste streams: F006, F039, K061, K069, K100	1.0 mg/L regulatory level	-
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
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

UN3082
Environmentally hazardous substances, liquid, n.o.s. (Zinc diethyldithiocarbamate)
9
This product contains a chemical which is listed as a marine pollutant according to DOT.

<u>IATA</u> UN/ID no. Proper shipping name Hazard Class Packing Group	UN3082 Environmentally hazardous substances, liquid, n.o.s. (Zinc Oxide, Zinc diethyldithiocarbamate) 9 III
IMDG	
UN/ID no.	UN3082
Proper shipping name	Environmentally hazardous substances, liquid, n.o.s. (Zinc Oxide, 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
Ammonium hydroxide - 1336-21-6	1.0
Formaldehyde - 50-00-0	0.1
Quinoline - 91-22-5	1.0
Naphthalene - 91-20-3	0.1
Cadmium and compounds (as Cd) - 7440-43-9	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	-	-
Ammonium hydroxide 1336-21-6	1000 lb	-	-	Х
Formaldehyde 50-00-0	100 lb	-	-	Х
Quinoline 91-22-5	5000 lb	-	-	Х
Naphthalene 91-20-3	100 lb	X	Х	Х
Cadmium and compounds (as Cd) 7440-43-9	-	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	1000 lb	-	RQ 1000 lb final RQ
1336-21-6			RQ 454 kg final RQ
Formaldehyde	100 lb	100 lb	RQ 100 lb final RQ
50-00-0			RQ 45.4 kg final RQ
Quinoline	5000 lb	-	RQ 5000 lb final RQ
91-22-5			RQ 2270 kg final RQ
Naphthalene	100 lb 1 lb	-	RQ 100 lb final RQ
91-20-3			RQ 45.4 kg final RQ RQ 1 lb final
			RQ
			RQ 0.454 kg final RQ
Cadmium and compounds (as Cd)	10 lb	-	RQ 10 lb final RQ
7440-43-9			RQ 4.54 kg final RQ
Lead	10 lb	-	RQ 10 lb final RQ
7439-92-1			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
Naphthalene - 91-20-3	Carcinogen
Cadmium and compounds (as Cd) - 7440-43-9	Carcinogen Developmental Male Reproductive
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	Х	-	Х
Ammonium hydroxide 1336-21-6	Х	X	Х
Formaldehyde 50-00-0	Х	X	Х
Quinoline 91-22-5	Х	X	Х
Naphthalene 91-20-3	Х	Х	Х
Cadmium and compounds (as Cd) 7440-43-9	Х	X	Х
Lead 7439-92-1	Х	X	Х

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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

Flammability 0

NFPA	
HMIS	

Health hazards 1 Flammability 0

Instability 0 Physical hazards 0 Physical and Chemical Properties -Personal protection B

Prepared ByDiane M. HunsickerIssue Date12-Feb-2015Revision Date30-Aug-2016Revision NoteSDS sections updated: 1, 14DisclaimerDisclaimer

Health hazards 1

The information provided in this Material 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**