

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name C105651MED

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Lights, Fluorescent

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Garvin Industries

Supplier Address
3700 Sandra St
Franklin Park
Illinois
60131
US

Supplier Phone Number Phone:847-455-0188
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Supplier Email robertd@garvinindustries.com

Emergency telephone number

Company Emergency Phone Number 847-455-0188

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This product is an article which is a CFL bulb and as such does not require an MSDS per the OSHA hazard communication standard unless ruptured. The hazards indicated are for a ruptured CFL bulb.

Acute toxicity - Oral	Category 2
Acute toxicity - Dermal	Category 1



Acute toxicity - Inhalation (Vapors)	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 2
Skin sensitization	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 1A
Reproductive Toxicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1

GHS Label elements, including precautionary statements

Emergency Overview		
Signal word	Danger	
Hazard Statements		
Fatal if swallowed Fatal in contact with skin Fatal if inhaled May cause an allergic skin reaction Suspected of causing genetic defects May cause cancer May damage fertility or the unborn child Causes damage to organs through prolonged or repeated exposure		
		
This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance. This is a CFL bulb. In case of rupture: the above hazards exist.		
Appearance Translucent White	Physical state Solid containing liquid Solid	Odor Odorless

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not get in eyes, on skin, or on clothing
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
Specific treatment (see supplemental first aid instructions on this label)

Skin

IF ON SKIN: Gently wash with plenty of soap and water

Immediately call a POISON CENTER or doctor/physician
 Remove/Take off immediately all contaminated clothing
 Wash contaminated clothing before reuse
 If skin irritation or rash occurs: Get medical advice/attention

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a POISON CENTER or doctor/physician

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Rinse mouth

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

80 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

Causes mild skin irritation
 Very toxic to aquatic life with long lasting effects
 Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%	Trade Secret
Octabromobiphenyl	27858-07-7	3 - 7	*
Hexabromobiphenyl	36355-01-8	3 - 7	*
Decabromobiphenyl	13654-09-6	3 - 7	*
1,1'-Biphenyl, nonabromo-	27753-52-2	3 - 7	*
1,1'-Biphenyl, 3-bromo-	2113-57-7	3 - 7	*
Mercury	7439-97-6	1 - 5	*
Lead	7439-92-1	1 - 5	*
Chromium (VI)	18540-29-9	1 - 5	*
Cadmium and compounds (as Cd)	7440-43-9	1 - 5	*

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

4. FIRST AID MEASURES

First aid measures



<u>General Advice</u>	First aid is upon rupture of sealed CFL bulb.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. Immediate medical attention is required.
Inhalation	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Do not breathe dust. Get medical attention immediately if symptoms occur.
Ingestion	Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe vapor or mist. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	Coughing and/ or wheezing. Difficulty in breathing. Itching. Rashes. Hives. Lead poisoning is characterized by a metallic taste in the mouth, loss of appetite indigestion, nausea, vomiting, constipation, sleep disturbances and overall weakness. Severe exposures can lead to shock, circulatory collapse, and death.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	May cause sensitization in susceptible persons. Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code

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 Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Do not breathe vapor or mist.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

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

Handling

In case of rupture: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Do not breathe vapor or mist. Use only with adequate ventilation and in closed systems.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from moisture. Store away from other materials.

Incompatible Products

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mercury 7439-97-6	TWA: 0.025 mg/m ³ TWA: 0.025 mg/m ³ Hg S*	(vacated) TWA: 0.05 mg/m ³ vapor (vacated) STEL: 0.03 mg/m ³ (vacated) Ceiling: 0.1 mg/m ³ (vacated) Ceiling: 0.1 mg/m ³ Hg Ceiling: 0.1 mg/m ³	IDLH: 10 mg/m ³ IDLH: 10 mg/m ³ Hg Ceiling: 0.1 mg/m ³ Ceiling: 0.1 mg/m ³ Hg TWA: 0.05 mg/m ³ vapor TWA: 0.05 mg/m ³ except Organo alkyls Hg vapor
Lead 7439-92-1	TWA: 0.05 mg/m ³	TWA: 50 µg/m ³ TWA: 50 µg/m ³ Pb Action Level: 30 µg/m ³ Poison, See 29 CFR 1910.1025 Action Level: 30 µg/m ³ Pb Poison, See 29 CFR 1910.1025	IDLH: 100 mg/m ³ TWA: 0.050 mg/m ³
Chromium (VI) 18540-29-9	-	TWA: 5 µg/m ³ Action Level: 2.5 µg/m ³ Action Level: 2.5 µg/m ³ Cr	
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 Action Level: 2.5 µg/m ³ Action Level: 2.5 µg/m ³ Cd (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

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures
 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. Long sleeved clothing. Chemical resistant apron. Impermeable gloves.

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.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended. Do not breathe vapor or mist. Contaminated work clothing should not be allowed out of the workplace. For environmental protection, remove and wash all contaminated protective equipment before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Solid containing liquid, Solid		
Appearance	Translucent White	Odor	Odorless
Color	No information available	Odor Threshold	No information available
Property			
pH	No data available	Values	
Melting / freezing point	No data available	Remarks	
Boiling point / boiling range	No data available	Method	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	No data available	None known	
Water Solubility	No information available	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	



Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

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

Excessive heat.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	Product does not present an acute toxicity hazard based on known or supplied information. In case of rupture:..
Inhalation	Specific test data for the substance or mixture is not available. Fatal if inhaled. (based on components).
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. Fatal in contact with skin. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Fatal if swallowed. (based on components).

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Octabromobiphenyl 27858-07-7	= 2000 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-
Hexabromobiphenyl 36355-01-8	= 21500 mg/kg (Rat)	-	-
Cadmium and compounds (as Cd) 7440-43-9	= 1140 mg/kg (Rat)	-	= 25 mg/m ³ (Rat) 30 min

Information on toxicological effects

Symptoms Coughing and/ or wheezing. Difficulty in breathing. Itching. Rashes. Hives.

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

Sensitization May cause sensitization by skin contact.

Mutagenic Effects Contains a known or suspected mutagen.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Octabromobiphenyl 27858-07-7		Group 2A	Reasonably Anticipated	X
Hexabromobiphenyl 36355-01-8		Group 2A	Reasonably Anticipated	X
Decabromobiphenyl 13654-09-6		Group 2A	Reasonably Anticipated	X
1,1'-Biphenyl, nonabromo-27753-52-2		Group 2A	Reasonably Anticipated	X
Mercury 7439-97-6		Group 3		
Lead 7439-92-1	A3	Group 2A	Reasonably Anticipated	X
Chromium (VI) 18540-29-9		Group 1	Known	X
Cadmium and compounds (as Cd) 7440-43-9	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity Contains a known or suspected reproductive toxin. Product is or contains a chemical which is a known or suspected reproductive hazard.

Developmental Toxicity Contains ingredients that have suspected developmental hazards.
STOT - single exposure No information available.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure. Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from chronic or repeated exposure. (STOT RE).

Chronic Toxicity Effects from this product caused by acute exposure may cause permanent damage to target organs and/or may cause chronic conditions. Contains a known or suspected carcinogen. Possible risk of irreversible effects. Avoid repeated exposure. Prolonged exposure may cause chronic effects. Lead compounds may be absorbed by ingestion, by inhalation and through the skin. Lead may damage kidney function, the blood forming system and the reproductive system.

Target Organ Effects Respiratory system. Systemic Toxicity. Reproductive System. Skin. May affect the genetic

material in germ cells (sperm and eggs). Eyes. Gastrointestinal tract (GI). Blood. May damage the unborn child.

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)

49.00 mg/kg

ATEmix (dermal)

50.00 mg/kg

ATEmix (inhalation-gas)

495.00 ppm

ATEmix (inhalation-dust/mist)

0.25 mg/l

ATEmix (inhalation-vapor)

2.45 ATEmix

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Mercury 7439-97-6		96h LC50: = 0.18 mg/L (<i>Cyprinus carpio</i>) 96h LC50: = 0.9 mg/L (<i>Oryzias latipes</i>) 96h LC50: = 0.16 mg/L (<i>Cyprinus carpio</i>) 96h LC50: = 0.5 mg/L (<i>Cyprinus carpio</i>)		96h EC50: = 5.0 µg/L
Lead 7439-92-1		96h LC50: = 0.44 mg/L (<i>Cyprinus carpio</i>) 96h LC50: = 1.17 mg/L (<i>Oncorhynchus mykiss</i>) 96h LC50: = 1.32 mg/L (<i>Oncorhynchus mykiss</i>)		48h EC50: = 600 µg/L
Chromium (VI) 18540-29-9		96h LC50: = 36.2 mg/L (<i>Pimephales promelas</i>) 96h LC50: = 7.6 mg/L (<i>Oncorhynchus mykiss</i>)		24h EC50: = 435 µg/L
Cadmium and compounds (as Cd) 7440-43-9		96h LC50: = 0.003 mg/L (<i>Oncorhynchus mykiss</i>) 96h LC50: = 0.006 mg/L (<i>Oncorhynchus mykiss</i>) 96h LC50: = 0.002 mg/L (<i>Cyprinus carpio</i>) 96h LC50: = 4.26 mg/L (<i>Cyprinus carpio</i>) 96h LC50: = 0.24 mg/L (<i>Cyprinus carpio</i>) 96h LC50: = 0.016 mg/L (<i>Oryzias latipes</i>) 96h LC50: = 21.1 mg/L (<i>Lepomis macrochirus</i>) 96h LC50: 0.0004 - 0.003 mg/L (<i>Pimephales promelas</i>)		48h EC50: = 0.0244 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number D009 D006

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Chromium (VI) 18540-29-9			<p>Toxic waste waste number F019</p> <p>Waste description: Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.</p> <p>Wastewater treatment sludges from the manufacturing of motor vehicles using a zinc phosphating process will not be subject to this listing at the point of generation if the wastes are not placed outside on the land prior to shipment to a landfill for disposal and are either: disposed in a Subtitle D municipal or industrial landfill unit that is equipped with a single clay liner and is permitted, licensed or otherwise authorized by the state or disposed in a landfill unit subject to, or otherwise meeting, the landfill requirements in § 258.40, § 264.301 or § 265.301. For the purposes of this listing, motor vehicle manufacturing is defined in paragraph (b)(4)(i) of this section and (b)(4)(ii) of this section describes the recordkeeping requirements for motor vehicle manufacturing facilities.</p>	<p>Toxic waste waste number K050</p> <p>Waste description: Heat exchanger bundle cleaning sludge from the petroleum refining industry.</p>

California Hazardous Waste Codes M003

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Mercury	Toxic



7439-97-6	
Lead 7439-92-1	Toxic
Chromium (VI) 18540-29-9	Toxic Corrosive Ignitable

14. TRANSPORT INFORMATION

DOT	NOT REGULATED
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A
Marine Pollutant	This product contains a chemical which is listed as a severe marine pollutant according to IMDG/IMO Product is a marine pollutant according to the criteria set by IMDG/IMO
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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	CAS No	Weight-%	SARA 313 - Threshold Values %
Octabromobiphenyl - 27858-07-7	27858-07-7	3 - 7	0.1
Hexabromobiphenyl - 36355-01-8	36355-01-8	3 - 7	0.1
Decabromobiphenyl - 13654-09-6	13654-09-6	3 - 7	0.1
1,1'-Biphenyl, nonabromo- - 27753-52-2	27753-52-2	3 - 7	0.1
Mercury - 7439-97-6	7439-97-6	1 - 5	10
Lead - 7439-92-1	7439-92-1	1 - 5	0.1
Chromium (VI) - 18540-29-9	18540-29-9	1 - 5	0.1



Cadmium and compounds (as Cd) - 7440-43-9	7440-43-9	1 - 5	0.1
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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 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
Mercury 7439-97-6		X	X	
Lead 7439-92-1		X	X	
Chromium (VI) 18540-29-9		X		
Cadmium and compounds (as Cd) 7440-43-9		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	Extremely Hazardous Substances RQs	RQ
Mercury 7439-97-6	1 lb		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
Chromium (VI) 18540-29-9	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Cadmium and compounds (as Cd) 7440-43-9	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
1,1'-Biphenyl, nonabromo- - 27753-52-2	Carcinogen Developmental
Octabromobiphenyl - 27858-07-7	Carcinogen Developmental
Hexabromobiphenyl - 36355-01-8	Carcinogen Developmental
Decabromobiphenyl - 13654-09-6	Carcinogen Developmental
Chromium (VI) - 18540-29-9	Carcinogen Developmental Female Reproductive Male Reproductive
Lead - 7439-92-1	Carcinogen Developmental Female Reproductive Male Reproductive
Mercury - 7439-97-6	Developmental
Cadmium and compounds (as Cd) - 7440-43-9	Carcinogen Developmental Male Reproductive



U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
1,1'-Biphenyl, nonabromo-27753-52-2			X	X	X
Octabromobiphenyl 27858-07-7		X	X	X	X
Hexabromobiphenyl 36355-01-8		X	X	X	X
Decabromodiphenyl oxide 1163-19-5	X	X	X	X	
Decabromobiphenyl 13654-09-6		X	X	X	X
Chromium (VI) 18540-29-9			X	X	X
Lead 7439-92-1	X	X	X	X	X
Mercury 7439-97-6	X	X	X	X	X
Cadmium and compounds (as Cd) 7440-43-9	X	X	X	X	X

International Regulations**Mexico****National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Mercury 7439-97-6 (1 - 5)		Mexico: TWA 0.05 mg/m ³
Lead 7439-92-1 (1 - 5)	A3	Mexico: TWA= 0.15 mg/m ³
Chromium (VI) 18540-29-9 (1 - 5)	A1	Mexico: TWA 0.5 mg/m ³
Cadmium and compounds (as Cd) 7440-43-9 (1 - 5)	A2	Mexico: TWA 0.01 mg/m ³ Mexico: TWA 0.002 mg/m ³

A1 - Confirmed Human Carcinogen

A2 - Suspected Human Carcinogen

A3 - Confirmed Animal Carcinogen

Mexico - Occupational Exposure Limits - Carcinogens

Canada**WHMIS Hazard Class**

Not determined

16. OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 0	Instability 0	Physical and Chemical Hazards - Personal Protection
HMIS	Health Hazards 0	Flammability 0	Physical Hazard 0	X

Prepared By

Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date

27-Jan-2016

Revision Note

No information available

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