



# The Town of Fenwick Island

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800 Coastal Highway  
Fenwick Island DE 19944  
302.539.3011 \* Fax: 302.539.1305

[www.fenwickisland.delaware.gov](http://www.fenwickisland.delaware.gov)

March 22, 2017

Dear Commercial Property Owner or Resident Merchant,

Attached you will find a letter from Sussex County Division of Environmental Services. As you may be aware, in recent weeks we have been contacted by several business owners as well as property owners in certain areas around Town complaining of gaseous odors along the Coastal Highway corridor.

In an effort to determine the cause of these odors, Town Council approved smoke testing to be conducted by Sussex County Division of Environmental Services. The plan is to force smoke under pressure through the sewer system and see if the connections indicate any cracks or leaks in the system.

Sussex County personnel will be present during the entire testing procedure which is planned for April 3, 2017 through April 5, 2017 during the morning hours.

It will be necessary for someone to be present in each building or business during the testing which may last up to one hour. As a precaution, please do not have any children, pets or someone who suffers from respiratory problems in your building during the time of testing and make sure to ventilate the area. If you do see smoke inside the building, contact Sussex County personnel who will be on site.

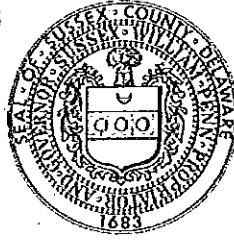
The blocks being tested are the following:

- 100 Coastal Highway (west side)
- 700 Coastal Highway (west side)
- 1100 Coastal Highway (west side)
- 1300 Coastal Highway (west side)
- 1400 Coastal Highway (west side)
- 1500 Coastal Highway (east and west side)

Please read the attached documents. If you have any concerns or questions, please contact either Rodney Marvel, Assistant Director, Sussex County Division of Environmental Services or Terry Tieman, Fenwick Island Town Manager.

## DIVISION OF ENVIRONMENTAL SERVICES

DIRECTOR (302) 855-7730  
FAX (302) 539-0981  
SOUTH COASTAL WASTEWATER FACILITY (302) 855-7730  
INLAND BAYS FACILITY (302) 947-0864  
WOLFE NECK FACILITY (302) 644-2761  
PINEY NECK FACILITY (302) 732-9540  
WATER DEPARTMENT (302) 855-7374  
WATER & SEWER EMERGENCY (302) 855-7379



# Sussex County

DELAWARE  
sussexcountyde.gov  
HANS M. MEDLARZ, P.E.  
COUNTY ENGINEER  
JOSEPH WRIGHT, P.E.  
ASSISTANT COUNTY ENGINEER  
HEATHER SHERIDAN  
DIRECTOR OF ENVIRONMENTAL SERVICES

Dear Property Owner or Tenant,

This letter is to notify you that the Sussex County Engineering Department's Division of Environmental Services will be smoke testing in selected areas of the Fenwick Island Sanitary Sewer District. The testing will occur April 3<sup>rd</sup> through April 5<sup>th</sup>, weather permitting. The objective is to test both the County's system and the property owner's plumbing and venting.

Smoke testing is a standard method of detecting sewer defects and storm water cross connections to the sanitary sewer system. Smoke testing consists of placing a high capacity blower on top of a sanitary sewer manhole or clean out and forcing a nontoxic smoke down into the sewer system. The smoke, under pressure from the blower, travels through the sewer system and escapes through any connections, cracks, leaks, etc. along the way. Please see the attached Smoke Testing FAQ for commonly asked questions about the process.

The smoke used for smoke testing is non-toxic and non-hazardous and is manufactured specifically for this purpose. It leaves no residuals or stains, and has no effects on plants or animals. The smoke should not enter your building, but if it does, it will have a distinct odor and should only last a few minutes with proper ventilation.

All Sussex County personnel will have proper identification and vehicles stamped with the Sussex County Seal. Both the Fenwick Town Police and the Bethany Fire Department will be made aware of the smoke testing project and the schedule.

Please note, all plumbing fixture drain traps must be filled with water prior to smoke testing. Please perform the following tasks to ensure smoke does not enter your business:

### Important Instructions for Residents Prior to Smoke Testing:

- Make sure all drain traps and plumbing fixtures have water in them. Fill seldom used drains (such as floor drains, etc.) with water by running the faucet for 30-60 seconds or by filling the drain with approximately three cups of water.
- Smoke should not enter your business; however, if it does this could be an indication of a defect in your plumbing system, this defect could allow sewer gases to enter inside your business, which is a potential health hazard. Corrections of such defects on private property are the responsibility of the property owner, and a licensed plumber should be contacted to ensure the proper corrections are made. If smoke does enter your business, please notify the Sussex County personnel who are conducting the test.



ENVIRONMENTAL SERVICES  
33711 SOUTH COASTAL LANE  
FRANKFORD, DELAWARE 19945

We appreciate your patience and understanding and will make every effort to minimize any inconvenience or disruption that may arise from this testing.

If you have any questions or concerns regarding smoke testing, please call (302) 855-7730.

Sincerely,

A handwritten signature in cursive script that reads "Rodney Marvel".

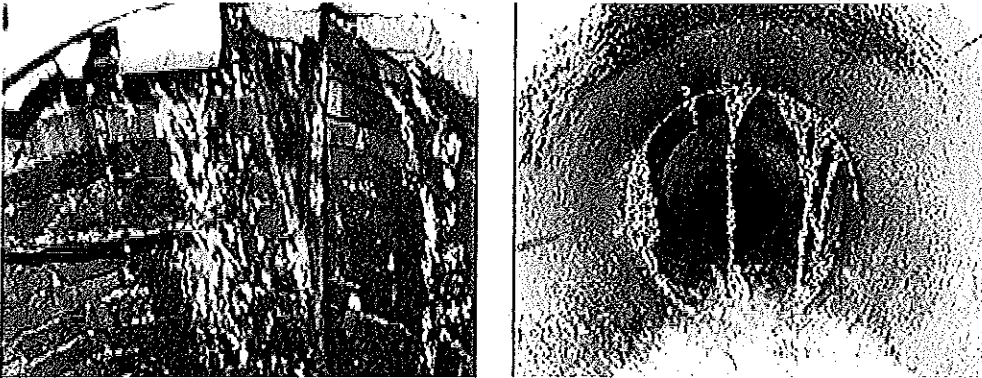
Rodney Marvel  
Assistant Director  
Sussex County Department of Environmental Services

## Frequently asked questions and answers about Smoke Testing

### 1. What is the purpose of Smoke Testing?

A wastewater system or sanitary sewer system is designed to transport wastewater to a treatment facility. In dry weather it usually does so without issue. However, in wet weather, storm-related runoff may leak into the sewer system, resulting in an increased volume of flow the system wasn't designed to handle.

This situation is called inflow and is the process of storm water runoff getting into the sanitary sewer system.

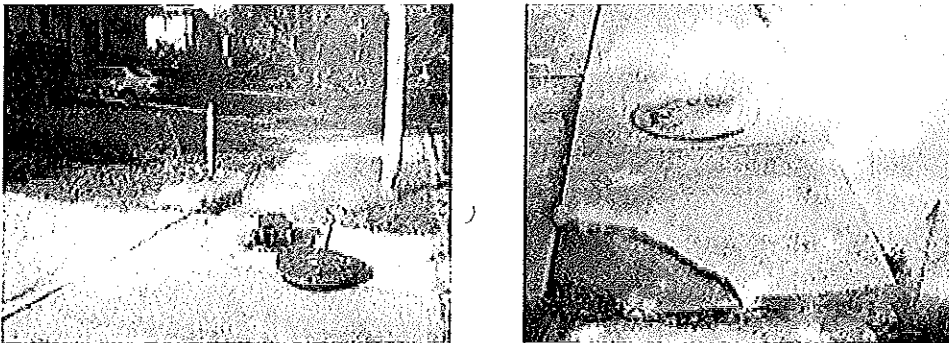


*Storm water entering into the sewer system from a manhole, at left, and from a defect inside a pipe, at right.*

Inflow such as depicted here can result in an overburdening of the sanitary sewer system, which may result in Sanitary Sewer Overflows (SSOs).

Smoke testing is one of the best cost effective ways to locate defects in the main sewer line and service lateral that connects to a resident. This is why many cities and municipalities implement smoke testing programs as a cost-effective method to assess the condition of sanitary sewer system.

### 2. What is a Smoke Test?



*High-capacity blowers are used to pump smoke into a manhole (left photo). In the right photo, smoke is pushed into the system and emerges from cracks in the sidewalk and at a downstream manhole.*

Smoke testing is the process of injecting artificially produced smoke into a blocked off pipeline segment to see where the smoke emerges. If the sewer is in good condition then the forced smoke will emerge from manhole lids along the line and house vents on the roof. If the line has defects, the smoke will find the break and try to escape through the break.



It is not unusual to see plumes of smoke issuing up from peculiar places, such as cracks in the street, or in residential yards during smoke testing.

A three or four person crew will conduct the tests. Each crew member will have proper identification and use well marked vehicles.

While the smoke is being injected into the sewers, crews fan out around the smoke test area to observe and flag the places smoke escapes. Technicians document and/or mark up the location(s) where defect(s) were found for repairs. GSWSA will generally make all repairs found even on the customers service lateral.

### **3. Is The Smoke Hazardous?**

The smoke utilized during smoke testing is LiquiSmoke™ and is commonly used in the industry. The smoke is not harmful to you your pets or house plants. It will not harm or stain clothes, drapes, or furniture. It is not flammable and does not create a fire hazard.

While the smoke is not considered harmful, it is recommended to avoid prolonged periods of exposure. If smoke appears from a drain inside your residence, open windows and ventilate well to dissipate the smoke.

### **4. Will I have smoke coming into my house?**

**Probable not**, but it is possible that smoke could enter a residence through a drain trap which has dried out or some other plumbing defect such as an un-trapped washing machine drain, cracked pipe, garbage disposal or dishwasher not installed correctly.

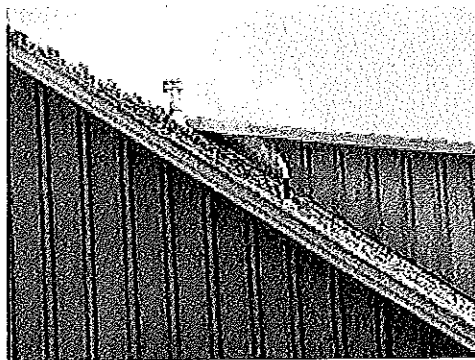
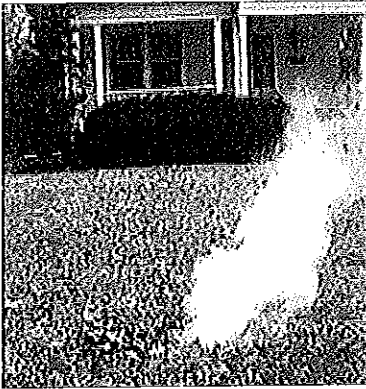
**Note that if smoke can enter your home then dangerous sewer gases can also.**

If smoke gets inside of your home locate one of the smoke testing crew member and they will assist you in locating where the smoke entered your home.

## 5. I see smoke in my front yard and venting out my neighbors roof

That may indicate a break or other defect in the sewer line.

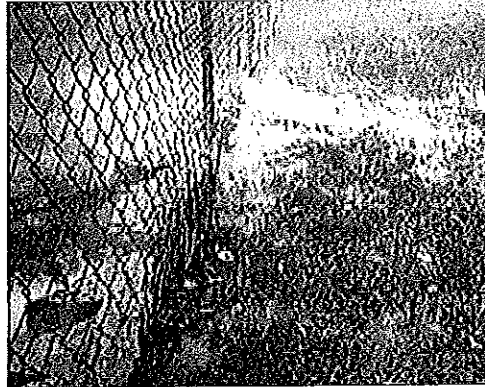
In these photos, a defect in an underground sewer pipe is allowing smoke to escape up through the ground.



Roof vents are where the smoke should be released or seen. This is good!

However, smoke doesn't always originate at the spot the smoke plume emerges.

Sometimes smoke will escape through a defect in the sanitary sewer line, then travel or migrate along the pipe until it finds a way to rise to the surface.



## 6. I don't see any smoke at all!

This may be good.

If the sanitary sewer line is in a state of good condition, the smoke will migrate along the sewer network and appear at a distant manhole or some other area. Technician expects to observe smoke, such as the sewer vent pipe on top of a residence. But in some cases, the smoke doesn't reappear at all.

Since it has to go somewhere, then a process of investigation and research begins to try and determine where the smoke is ending up.

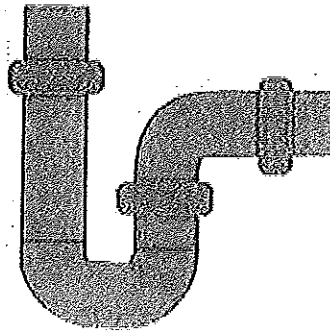
## **7. Should I do anything to prepare?**

During smoke testing, field crews force smoke into the sanitary sewer. The possibility exists for smoke to enter a residence due to infrequently used drains or a defect in the sewer pipes.

A drain trap is the S-shaped curvature or elbow in the pipe typically found under sinks, exists to capture and hold water in the trap's curve.

This water in the trap creates a type of seal and blocks gases from rising up through the drain and into the home. This trap will also keep the smoke from entering your home also. A dry drain trap could be found in drains which are not used regularly and the water has evaporated.

Water should be ran in these isolated areas monthly to maintain the drain seal in proper operating condition.



## **8. Do I have to be home when smoke testing is being performed?**

Homeowners do not need to be home and at no time will a field crew member need to enter your home.

## **9. Can the smoke activate the smoke alarm?**

Yes, smoke alarms may be activated during smoke testing if some enters your home, if it does, open windows and doors for ventilation. If you are not sure or have any doubts about the smoke call 911.

## **10. I'm not going to be home but I have pets in the house, what should I do?**

The smoke is not harmful to pets, but you can place your pet in an area of the home that has no plumbing, or leave windows cracked for good ventilation. If your plumbing is properly connected and all the drain traps are sealed, there should not be any problems.

**If you have any question relating to smoke testing, please call:  
Sussex County Department of Environmental Services 302-855-7730**

# Superior® Smoke Generator

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 04/29/2015

Revision date: 04/29/2015

Supersedes: 01/18/2011

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier

Product form : Mixture  
Trade name : Superior® Smoke Generator  
CAS No : NA  
Product code : NA

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Restricted to professional users

#### 1.3. Details of the supplier of the safety data sheet

SUPERIOR SIGNAL COMPANY LLC  
P.O. Box 96  
Spotswood, NJ 08884  
Phone: 732-251-0800  
Fax: 732-251-9442  
Email: info@superiorsignal.com

#### 1.4. Emergency telephone number

Emergency number : 732-251-0800

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Carc. 1B H350

Full text of H-phrases: see section 16

NOTE: Exposure is highly unlikely when product is used as directed. Product is sealed in heavy cardboard tube or metal canister. After ignition, product slowly combusts and hexachloroethane is consumed. Direct contact with product does not occur.

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US)



GHS08

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H350 - May cause cancer (Dermal, oral)  
Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear protective clothing  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P405 - Store locked up  
P501 - Dispose of contents/container to in accordance with local regulations

#### 2.3. Other hazards

Other hazards not contributing to the classification

: After ignition, Smoke Generator emits smoke (mild Zinc Chloride solution) that can be irritating to the eyes, respiratory tract, and mucous membranes. When used as directed exposure should be limited, and normally poses no hazard. Persons with known respiratory sensitivity should not be exposed to smoke. Moderate exposure may temporarily result in irritation, inflammation, and difficulty breathing -- moving to fresh air will reverse these effects. Heavy exposure may result in coughs, chills, fever, and pulmonary edema, requiring medical treatment. Overwhelming exposure can be dangerous and is to be avoided. Persons who will be exposed to sustained heavy smoke should wear Self Contained Breathing Apparatus (SCBA).

#### 2.4. Unknown acute toxicity (GHS-US)

Not applicable



# Superior® Smoke Generator

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Hexachloroethane	(CAS No) 67-72-1	30 - 55	Carc. 1B, H350

Full text of H-phrases: see section 16

Remaining product components are not considered hazardous.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause cancer.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Sand. Foam. Water spray.
- Unsuitable extinguishing media : Do not use a heavy water stream. Do not use extinguishing media containing water.

#### 5.2. Special hazards arising from the substance or mixture

- Reactivity : May react with water, producing smoke.

#### 5.3. Advice for firefighters

- Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Self-contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

# Superior® Smoke Generator

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : After ignition, Smoke Generator emits smoke that can be irritating to the eyes, respiratory tract, and mucous membranes (mild Zinc Chloride solution). When used as directed exposure should be limited, and normally poses no hazard.
- Precautions for safe handling : Persons with known respiratory sensitivity should not be exposed to smoke. Moderate exposure may temporarily result in irritation, inflammation, and difficulty breathing -- moving to fresh air will reverse these effects. Heavy exposure may result in coughs, chills, fever, and pulmonary edema, requiring medical treatment. Overwhelming exposure can be dangerous and is to be avoided. Persons who will be exposed to sustained heavy smoke should wear Self Contained Breathing Apparatus (SCBA). Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
- Safe use of the product : Generate smoke to obscure, signal, trace airflow, or for other visual effects.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from ignition sources. Keep only in original container. Store in a dry place. Store in original container. Prevent moisture contact. Keep only in the original container in a cool, well ventilated place away from ignition sources. Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Mixture may be water reactive, releasing smoke (mild zinc chloride solution). Sources of ignition.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Superior® Smoke Generator (NA)		
ACGIH	Not applicable	
OSHA	Not applicable	
Hexachloroethane (67-72-1)		
ACGIH	ACGIH TWA (ppm)	1 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	1 ppm

#### 8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Respiratory protection : Wear appropriate mask.
- Other information : Do not eat, drink or smoke during use. NOTE: Exposure is highly unlikely when product is used as directed. Product is sealed in heavy cardboard tube or metal canister. After ignition, product slowly combusts and hexachloroethane is consumed. Direct contact with product does not occur.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Powder contained in sealed tube or canister.
- Color : Gray
- Odor : Mothballs
- Odor threshold : No data available
- pH : No data available

# Superior® Smoke Generator

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

### 9.2. Other Information

Minimum ignition energy : ?

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May react with water, producing smoke.

### 10.2. Chemical stability

Product is stable. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Moisture. High temperature. High humidity.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

zinc chloride. Smokes. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Hexachloroethane (67-72-1)	
LD50 oral rat	4460 mg/kg
LD50 dermal rabbit	32000 mg/kg
ATE US (oral)	4460.000 mg/kg body weight
ATE US (dermal)	32000.000 mg/kg body weight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer (Dermal, oral).

# Superior® Smoke Generator

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hexachloroethane (67-72-1)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity, 3 - Reasonably anticipated to be Human Carcinogen
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified  
Specific target organ toxicity (repeated exposure) : Not classified  
Aspiration hazard : Not classified  
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

Hexachloroethane (67-72-1)	
LC50 fish 1	967 - 1250 µg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 fish 2	712 - 1030 µg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

#### 12.2. Persistence and degradability

Superior® Smoke Generator (NA)	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

Superior® Smoke Generator (NA)	
Bioaccumulative potential	Not established.

Hexachloroethane (67-72-1)	
Log Pow	4.14

#### 12.4. Mobility in soil

Superior® Smoke Generator (NA)	
Ecology - soil	None.

#### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.  
Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT  
Not regulated for transport  
Additional information

Other information : No supplementary information available.

#### ADR

No additional information available

# Superior® Smoke Generator

## Safety Data Sheet

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### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15 Regulatory Information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

<b>Hexachloroethane (67-72-1)</b>	
SARA Section 313 - Emission Reporting	0.1 %
<b>Zinc (7440-66-6)</b>	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb
SARA Section 313 - Emission Reporting	1.0 % (dust or fume only)

### 15.2. International regulations

#### CANADA

All components listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

All components listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### National regulations

- All components listed on the AICS (Australian Inventory of Chemical Substances)
- All components listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
- All components listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
- All components listed on the Korean ECL (Existing Chemicals List)
- All components listed on NZIoC (New Zealand Inventory of Chemicals)
- All components listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- All components listed on INSQ (Mexican national Inventory of Chemical Substances)

### 15.3. US State regulations

<b>Hexachloroethane (67-72-1)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	20 µg/day

<b>Hexachloroethane (67-72-1)</b>	
U.S. - Massachusetts - Right To Know List	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
U.S. - Pennsylvania - RTK (Right to Know) List	
<b>Zinc (7440-66-6)</b>	
U.S. - Massachusetts - Right To Know List	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
U.S. - Pennsylvania - RTK (Right to Know) List	

# Superior® Smoke Generator

## Safety Data Sheet

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### Zinc oxide (1314-13-2)

U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
U.S. - Pennsylvania - RTK (Right to Know) List

### SECTION 16: Other information

Full text of H-phrases:

Carc. 1B	Carcinogenicity Category 1B
H350	May cause cancer

Revision date : 04/29/2015

Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, 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 the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*