

**Section 1: Identification**

- (a) Safe + Embalming Powder
- (b) Cavity Dessicant & Embalming Powder
- (c) For use by professional licensed embalmers only
- (d) Manufacturer: Pierce Companies – 4722 Bronze Way – Dallas, TX 75236 – 214.333.4230
- (e) Emergency Phone Number: 800.424.9300

**Section 2: Hazard Identification**

GHS Classification

Flammable solids	:	Category 2
Acute Toxicity (Oral)	:	Category 4
Acute Toxicity (Inhalation)	:	Category 4
Skin irritation	:	Category 2
Serious eye damage	:	Category 1
Respiratory sensitization	:	Category 1
Skin sensitization	:	Category 1
Carcinogenicity	:	Category 1A
Specific target organ toxicity (single exposure)	:	Category 3 (Respiratory system)

GHS Label element

Hazard Pictograms :



**Signal Word** : **Danger**

**Hazard statements** : **H228 Flammable Solid**  
 H302 + H332 Harmful if swallowed or inhaled  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.  
 H317 May cause an allergic reaction.  
 H334 May cause allergy or asthma symptoms or breathing Difficulties if inhaled.  
 H351 Suspected of causing cancer.

Precautionary statements: Prevention:  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.

## Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / lighting equipment

P261 Avoid breathing dust / fume / gas / mist / vapors / spray

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoor or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

P281 Use personal protective equipment as required.

P285 In case of inadequate ventilation wear respiratory protection.

### Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P308 + P313 If exposed or concerned: Get medical advice/attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire: use dry sand, dry chemical or alcohol-resistant foam for extinction.

### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

### Disposal:

P501 Dispose of contents / container to an approved waste disposal plant.

## Potential Health Effects

### Carcinogenicity:

<b>IARC</b>	Group 1: Carcinogenic to humans 50-00-0 Formaldehyde
<b>ACGIH</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
<b>OSHA</b>	OSHA specifically regulated carcinogen 50-00-0 Formaldehyde
<b>NTP</b>	Known to be human carcinogen 50-00-0 Formaldehyde

# Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

## Emergency Overview

Appearance	Solid
Color	White
Odor	Pungent
Hazard Summary	No information available

## Section 3: Composition/Information on Ingredients

Substance / Mixture : Mixture

CHEMICAL NAME	CAS NUMBER	%	Trade Secret Information: Exact % of concentration is withheld to protect Trade Secret Information. Ranges are given in accordance with CFR 29 1910.1200(i), Appendix E
Paraformaldehyde	30525-89-4	60 – 65	
Paradichlorobenzene	106-46-7	25 - 30	

## Section 4: First-Aid Measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : Call a physician or poison control center immediately. If unconscious place in recovery position and seek medical advice.
- In case of skin contact : If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

**Section 5: Fire-fighting Measures**

- Suitable Extinguishing Media : Alcohol-resistant foam  
Carbon dioxide (CO2)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from firefighting to enter drains or water courses.
- Hazardous combustion products : Carbon monoxide  
Carbon dioxide (CO2)
- Specific extinguishing methods : Use a water spray to cool fully closed containers
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharge into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

**NFPA Flammable and Combustible Liquids Classification:**

Combustible Liquid Class IIIA

**Section 6: Accidental Release Measures**

- Personal precautions : Use personal protective equipment.  
Protective equipment and Emergency procedures : Avoid dust formation.  
Avoid breathing dust.  
Ensure adequate ventilation.  
Remove all sources of ignition.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).  
Keep in suitable, closed containers for disposal.

**Section 7: Handling and Storage**

Advice on safe handling : Avoid formation of respirable particles.  
 Do not breathe vapours / dust.  
 Avoid exposure – obtain special instructions before use.  
 Avoid contact with skin and eyes.  
 For personal protection see Section 8.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Provide sufficient air exchange and / or exhaust in work rooms.  
 Open drum carefully as content may be under pressure.  
 Dispose of rinse water in accordance with local and national regulations.  
 Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : No smoking.  
 Keep container tightly closed in a dry and well-ventilated place.  
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
 Observe label precautions.  
 Electrical installations / working materials must comply with the technological safety standards.

**Section 8: Exposure Controls/Personal Protection**

CHEMICAL NAME	CAS NUMBER	%	Trade Secret Information: Exact % of concentration is withheld to protect Trade Secret Information. Ranges are given in accordance with CFR 29 1910.1200(i), Appendix E
Paraformaldehyde	30525-89-4	60 – 65	
Paradichlorobenzene	106-46-7	25 - 30	

**Personal Protective Equipment**

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.  
 Dust safety masks are recommended when the dust concentration is more than 10 mg/ m<sup>3</sup>  
 No personal respiratory protective equipment normally required.

Hand protection remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water.  
 Tightly fitting safety goggle  
 Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Dust impervious protective suit  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.

# Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

Hygiene measures continued : When using do not smoke.  
Wash hands before breaks and at the end of the work day.

## **Section 9: Physical and chemical properties**

**FLASH POINT:** 144°F (ASTM D93) **FLAMMABLE LIMITS:** LEL=1.3% UEL= no information  
**BOILING POINT:** 118°F **SPECIFIC GRAVITY (WATER=1):** .979ml @ 72°F  
**EVAPORATION RATE (BUTYL ACETATE=1):** not applicable **VAPOR DENSITY (AIR=1):** 4.5  
**MELTING POINT:** No information **VAPOR PRESSURE (mm HG):** not applicable  
**pH:** 7.30 **% VOLATILE BY WEIGHT:** no information  
**SOLUBILITY IN WATER:** Reactive with water  
**APPEARANCE AND ODOR INFORMATION:** Coarse, white powder with sharp, pungent odor

## **Section 10: Stability and Reactivity**

Reactivity : Risk of violent reaction  
Chemical stability : Stable under normal conditions  
Possibility of hazardous reactions : Product can undergo hazardous polymerization.  
Can form potentially explosive peroxides upon long standing in air.  
Conditions to avoid : Keep away from heat, flame, sparks and other ignition sources.  
Exposure to air.  
Incompatible materials : Oxygen  
Oxidizing agents  
Reducing agent  
Acids  
Bases  
Amines  
Hazardous decomposition products : Carbon oxides  
Nitrogen oxides  
Nitric acid  
Cyanides  
Nitriles

## **Section 11: Toxicological Information**

Paraformaldehyde

### **Acute Toxicity**

Acute oral toxicity : Acute toxicity estimate: 818 mg/kg  
Method: calculation method  
Acute inhalation toxicity : Acute toxicity estimate: 1.54 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: calculation method  
Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: calculation method

### **Components:**

#### **30525-89-4**

Acute oral toxicity : LD50 (rat): 800 mg/kg  
Assessment: The component/mixture is moderately toxic after single ingestion.  
Acute inhalation toxicity : LC50 (rat): 1070  
Exposure time: 4 h  
Assessment: The component/mixture is moderately toxic after short term inhalation

Acute dermal toxicity : LD L<sub>Q</sub> (rabbit): 10,000 mg/kg

**50-00-0:**

Acute inhalation toxicity : LC50: 0.48 mg/l  
Exposure time: 4 h  
Assessment: The component / mixture is toxic after short term inhalation.

**Skin corrosion / irritation**

**Product:**

Remarks: Irritating to skin.

**Components:**

**30525-89-4:**

Species: rabbit

Result: Irritating to skin.

**50-00-0:**

Species: rabbit

Method: OECD Test Guideline 404

Result: Corrosive after 3 minutes to 1 hour of exposure

**Serious eye damage / eye irritation**

**Product:**

Remarks: Risk of serious damage to eyes.

**Components:**

**30525-89-4:**

Species: rabbit

Result: Risk of serious damage to eyes.

**50-00-0:**

Result: Risk of serious damage to eyes.

Remarks: No data available.

**Respiratory or skin sensitization**

**Product:**

Remarks: Causes sensitization.

**Components:**

**30525-89-4:**

Test Type: Maximization test

Species: guinea pig

Result: May cause sensitization by skin contact.

Result: May cause sensitization by inhalation.

Remarks: No data available.

**50-00-0:**

Test Type: lymph node assay

Species: mouse

Result: May cause sensitization by skin contact.

**Germ Cell Mutagenicity**

**Components:**

**30525-89-4:**

Genotoxicity in vitro : Remarks: no data available

Germ cell mutagenicity Assessment : Mutagenicity classification not possible from current data

**50-00-0:**

Genotoxicity in vitro : Test Type: Ames test  
Test species: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: positive

Genotoxicity in vivo : Test Type: Chromosome aberration assay in vivo  
Test species: mouse  
Application Route: Intraperitoneal  
Result: negative

Germ cell mutagenicity assessment : In vitro tests showed mutagenic effects which were not observed with in vivo test.

**Carcinogenicity**

**Components:**

**30525-89-4:**

Species: rat (male and female)

Application route: oral

Exposure time: 104 wk

Dose: 10, 50, 100, 500, 1000, 1500 mg/L

Frequency of treatment: daily ad libitum

Method: OECD Test Guideline 451

Result: Ambiguous

GLP: No data available

Test substance: Information given is based on data obtained from similar substances.

Remarks: Category 2

Carcinogenicity Assessment: Suspected human carcinogens

**50-00-0:**

Species: rat (male and female)

Application route: oral

Exposure time: 104 wk

Dose: 10 – 1500 mg/L

Frequency of treatment: daily ad libitum

Result: evidence of carcinogenic activity



## Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

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Carcinogenicity Assessment: Suspected human carcinogens

### Reproductive toxicity

#### Components:

##### **30525-89-4:**

Effects on fertility : Remarks: no data available  
Effects on foetal development : Remarks: no data available  
Reproductive toxicity assessment : Fertility classification not possible from current data.  
Embryotoxicity classification not possible from current data.

##### **50-00-0:**

Effects on foetal development : Species: rat  
Application route: inhalation  
Dose: 0, 2, 5, 10 ppm  
Duration of single treatment: 9 d  
Frequency of treatment: 6 hr/ day  
General toxicity maternal: NOAEC: 5ppm  
Developmental toxicity: NOAEC: 10 ppm  
Method: OECD Test Guideline 414  
Result: No teratogenic effects  
GLP: Yes  
Reproductive toxicity assessment : Animal testin did not show any effects on foetal development.

### STOT – single exposure

Product: No data available

#### Components:

##### **30525-89-4**

Exposure routes: inhalation  
Target organs: respiratory tract  
Assessment: May cause respiratory irritation. The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

**50-00-0:** No data available

### STOT – repeated exposure

Product: No data available

#### Components:

**30525-89-4:** No data available

**50-00-0:** No data available

### Repeated dose toxicity

#### Components:

**30525-89-4:**

Remarks: This information is not available.

**50-00-0:**

Species: rat, male

NOAEL: 15 mg/kg

LOAEL: 82 mg/kg

Application route: oral

Dose: 0, 1.2, 15, 82 mg/kg bw/day

Method: OECD Test Guideline 453

GLP: yes

Target organs: Stomach

Repeated dose toxicity assessment: Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes severe skin burns and eye damage.

**Aspiration Toxicity**

**Product:**

No aspiration toxicity classification

**Further Information**

**Product:**

Remarks: No data available

**Section 12: Ecological Information**

**Ecotoxicity**

**Components:**

**30525-89-4:**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 39.1 mg/L  
Exposure time: 96 h  
Test Type: flow-through test

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**50-00-0:**

Toxicity to fish : LC50 (Striped bass (Morone saxatilis)): 6.7 mg/l  
Exposure time: 96 h  
Test Type: static test  
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (water flea)): 5.8 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: no

## Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

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Toxicity to algae : EC50 (Desmodesmus subspicatus): 3.48 mg/l  
End Point: Biomass  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: no

### Persistence and degradability

#### Components:

**30525-89-4** : Remarks: No data available

#### **50-00-0:**

Biodegradability : Biodegradation: 100%  
Exposure time: 4 d  
Method: OECD Test Guideline 301C  
GLP: no  
Remarks: Readily biodegradable

### Bioaccumulative potential

#### Components:

#### **50-00-0:**

Partition coefficient: n-octano/water : Pow: 0.35 (25°C)

Mobility in soil : No data available

Other adverse effects : No data available

#### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone  
CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS  
as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Supt. A, App. A + B)

Additional ecological Information An environmental hazard cannot be excluded in the event of unprofessional  
handling or disposal. Harmful to aquatic life with long lasting effects.

### Section 13: Disposal Considerations

#### Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal  
regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on the empty drum

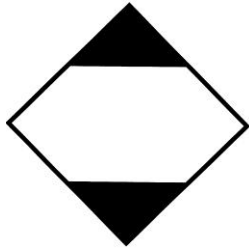
**Empty containers** : DO NOT RECYCLE!

**Section 14: Transport Information**

**IATA (International Air Transport Association):** UN2213, Paraformaldehyde, 4.1, III, Flash Point: 70°C (158°F)  
**IMDG (International Maritime Dangerous Goods):** UN2213, Paraformaldehyde, 4.1, III  
**DOT/UN HAZARD CLASSIFICATION:** UN2213, Paraformaldehyde, 4.1, PG III (for 15 & 25 lb drum)



**DOT/UN HAZARD CLASSIFICATION:** LTD QTY (for wide mouth & shaker top)



**Section 15: Regulatory Information**

**OSHA HAZARDS** : Carcinogen, Harmful by ingestion, moderate skin irritant, Severe skin irritant, moderate respiratory irritant

**WHMIS Classification** : D2A: Very Toxic Material Causing other Toxic Effects  
 D2B: Toxic Material causing other toxic effects

**EPCRA – Emergency Planning and Community Right-To-Know Act**

**CERCLA Reportable Quantity**

Components	CAS-No	Component RQ (lbs)	Calculated Product RQ (lbs)
Paraformaldehyde	30525-89-4	1000	1031

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

Components	CAS-No	Component RQ (lbs)	Calculated Product RQ (lbs)
Formaldehyde	50-00-0	100	**

\*\* Calculated RQ exceeds reasonably attainable upper limit.

**SARA 311 / 312** : Chronic Health Hazard  
 Acute Health Hazard  
 Fire Hazard

# Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

**SARA 302** : The following components are subject to reporting levels established by SARA Title III, Section 302:

50-00-0	Formaldehyde	0.1%
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**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

50-00-0	Formaldehyde	0.1%
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**Clean Air Act** : The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61)

50-00-0	Formaldehyde	0.1%
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The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F):

50-00-0	Formaldehyde	0.1%
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The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489):

50-00-0	Formaldehyde	0.1%
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## Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

30525-89-4	Paraformaldehyde	97%
50-00-0	Formaldehyde	0.1%

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

50-00-0	Formaldehyde	0.1%
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This product does not contain any toxic pollutants listed under the U.S. clean Water Act Section 307

## US State Regulations

### Massachusetts Right to Know

50-00-0	Formaldehyde	0.1%
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### Pennsylvania Right To Know

30525-89-4	Paraformaldehyde	91 – 97%
50-00-0	Formaldehyde	0 – 0.1%

## Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

### New Jersey Right To Know

30525-89-4	Paraformaldehyde	91 – 97%
50-00-0	Formaldehyde	0 – 0.1%

### California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

50-00-0	Formaldehyde	
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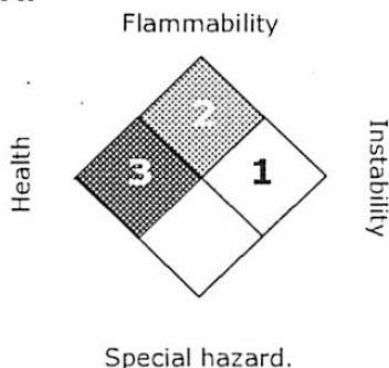
The components of this product are reported in the following inventories:

<b>Switzerland. New modified substances and declared preparations</b>	:	n (Negative listing) (The formulation contains substances listed on the Swiss Inventory)
<b>United States TSCA Inventory</b>	:	y (positive listing) (On TSCA Inventory)
<b>Canadian Domestic Substances List (DSL)</b>	:	y (positive listing) (all components of this product are on the Canadian DSL).
<b>Australia Inventory of Chemical Substances (AICS)</b>	:	Y (positive listing) (On the inventory, or in compliance with the inventory)
<b>New Zealand Inventory of Chemical Substances</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Japan. ENCS – Existing and New Chemical Substances Inventory</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Japan. ISHL – Inventory of Chemical Substances (METI)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Korea. Korean Existing Chemicals Inventory (KECI)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>China. Inventory of Existing Chemical Substances in China (IECSC)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)

### Section 16: Other Information

#### Further Information

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	<b>3*</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<b>1</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 =Extreme, \* = Chronic

## Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data may become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

### Key or Legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
> =	Greater than or Equal To	STEL	Short-Term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
< =	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50			Lethal Concentration 50%

## Safety Data Sheet: Safe + Embalming Powder (Item #PW0460801)

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**Prepared by:** Pierce Companies Regulatory Department  
**Date of Preparation/Revision:** April 17, 2015

**Notice:** *The information provided herein has been taken from SDS provided by manufacturer of the raw chemical used to blend for Safe+ and is believed by Pierce Companies ("Pierce") to be accurate at the time of preparation or prepared from sources believed to be reliable, accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. It is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. Pierce makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. All products supplied by Pierce are subject to Pierce's terms and conditions of sale. PIERCE MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY PIERCE, except that the product shall conform to Pierce's specifications. Nothing contained herein constitutes an offer for the sale of any product. Safety Data Sheets are provided on the Internet by Pierce as a service to its customers. Possession of a Safety Data Sheet does not indicate that the possessor of the Safety Data Sheet was a purchaser or user of the subject product.*