

Flame Safe Chemical Corporation  
2653 Warfield Avenue  
Fort Worth, Texas 76106

Phone: 817-740-9197

## SAFETY DATA SHEET

OSHA Hazard Communication Standard 29CFR 1910.1200. Prepared to GHS

### 1. Product and Company Identification

- **Product identifier**
- **Trade name:** Flame Safe Paper Safe
- **Article number:** Paper Safe
- **Relevant Identified uses of the substance or mixture and uses advised against**
- **Product description**  
Fire retardant for most fabric materials
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Flame Safe Chemical Corporation  
2653 Warfield Avenue  
Fort Worth, Texas 76106  
Office: (817) 740-9197  
Fax: (817) 740-9199  
Emergency telephone number: (817-) 658-9197

### 2. Hazards Identification

- **Classification of the substance or mixture**  
The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements** Precautionary statements
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA Ratings (scale 0-4)**

Health = 0

Fire = 0

Reactivity = 0

- **HMIS - ratings (scale 0-4)**

Health	0	Health = 0
Fire	0	Fire = 0
Reactivity	0	Reactivity = 0

- **Other Hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **VpVB:** Not applicable

### 3. Composition/information on ingredients

Proprietary

- Chemical characterization:** Mixture.
- Description:** Mixture of the substances nonhazardous
- Dangerous components:** This product is not classified as hazardous

### 4. First aid measures

- Description of first aid measure.**
- After Inhalation:**  
Remove to fresh air. Rinse mouth and nose with water. Seek medical attention if necessary. Use adequate ventilation
- After Skin Contact:**  
Remove contaminated clothing. Promptly wash skin thoroughly with quantities of soap and water. If irritation persists, consult a physician. Launder contaminated clothing before use.
- After eye contact:**  
Remove to fresh air. Remove contact lenses, then flush eyes immediately with running water for at least 15 minutes. If symptoms persist seek medical attention.
- After swallowing:**  
Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Seek medical attention if any discomfort continues.
- Most important symptoms and effect, both acute and delayed**  
Skin contact may cause redness and irritation.  
Eye contact may cause temporary eye irritation.
- Indication of any immediate medical attention and special treatment needed**  
If person is exposed to concentrated levels, treat symptomatically.

### 5. Firefighting measures

- Extinguishing media**
- Suitable extinguishing agents:**  
Not combustible. Use water spray, dry chemical, alcohol foam, carbon dioxide or other agents as appropriate for materials in surrounding fire.
- Advice for firefighters:**  
Use self contained breathing apparatus and protection for skin. Use water spray to keep storage containers cool.
- Protective equipment:**  
Use self contained breathing apparatus and protection for skin. Use water spray to keep storage containers cool.

### 6. Accidental release measures

- Personal precaution, protective equipment and emergency procedures**  
Provide adequate ventilation. Avoid inhalation of dust. Avoid contact with skin and eyes.
- Environmental precautions:**  
Do not allow to enter sewers/surface or ground water. Dispose of waste in compliance with all Federal, State and local regulation.
- Methods and material for containment and cleaning up:**  
Confine spilled material. Vacuum and place in a suitable container.
- Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information

## 7. Handling and storage

### ·Precautions for safe handling

- Avoid contact with eyes
- Avoid contact with skin or clothing
- Use only with adequate ventilation
- Avoid breathing dust
- Wash skin that contacted material with soap and water
- Use good personal hygiene practices

### ·Information about protection against explosions and fires:

This product is stable, non combustible.

### ·Conditions for safe storage, including any incompatibilities

Use and store this material in dry, well-ventilated areas.

· **Storage:** Stable at normal storage conditions.

· **Requirements to be met by storerooms and receptacles:** No special requirements

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None

· **Specific end use(s):** No further relevant information.

## 8. Exposure controls/ personal protection

· **Additional information about design or technical systems:** No further data; see item 7

### ·Exposure controls

Use general dilution ventilation or local exhaust systems where necessary to maintain airborne dust concentration in accordance with applicable regulations.

### ·Personal protective equipment:

Eye/ Face: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended. Protective glasses or goggles.

Hand: The use of cloth or leather work gloves is advised to prevent skin contact.

Skin: Wear suitable protective clothing against splashing or contamination.

Respiratory: No specific recommendation. Protection against nuisance dust must be used when the airborne concentration exceeds 10mg/m<sup>3</sup>. Wear a respirator fitted with the following cartridge:

Particulate filter, type P2. EN 136/140/145/149

### ·General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed. Wash thoroughly after handling and use adequate ventilation.

## 9. Physical and chemical properties

### ·Information on basic physical and chemical properties

#### ·General Information

#### ·Appearance:

Form: Crystalline powder  
Color: White

·Odor: Ammonia

·Odor threshold: Not applicable

pH-value: 7.0 -8.0

#### Change in condition

Melting point: Not applicable

Boiling point: Not applicable

Flash point: Non Flammable

Flammability (solid, gaseous): Not applicable

#### ·Ignition temperature:

Decomposition temperature: 310°F

·Auto igniting: Not applicable

· <b>Danger of explosion:</b>	Product does not present an explosion hazard
· <b>Explosion limits:</b>	
Lower:	Not applicable
Upper:	Not applicable
· <b>Vapor pressure at 20°C (68°F):</b>	Not applicable
· <b>Bulk Density:</b>	-0.6-1.0 kg/m <sup>3</sup>
· <b>Relative density</b>	1.62 @ °C
· <b>Vapor density</b>	Not determined
· <b>Evaporation rate</b>	Not determined
· <b>Solubility in water</b>	80% - 95%
· <b>Partition coefficient (n-octalor/water):</b>	Not applicable
· <b>Viscosity:</b>	
Dynamic:	Not determined
Kinematic:	Not determined
· <b>Other information:</b>	No further relevant information available

## 10. Stability and reactivity

- **Chemical Stability:** Stable under normal conditions of storage and handling. Decomposes @ 310°F (155°C)
- **Possibility of hazardous reactions:** No dangerous reaction known
- **Conditions to avoid:** Extreme temperatures for prolonged periods of time.
- **Incompatible materials:** Avoid contact with alkaline materials
- **Hazardous decomposition products:** If heated to the point of decomposition, oxides of phosphorus, oxides of nitrogen and ammonia may be released

## 11. Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** None
- **Primary irritant effect:**
  - **On the skin:** Moderate
  - **On the eye:** Moderate
- **Carcinogenic categories:** This product is not classified as a carcinogen

## 12. Ecological Information

- **Toxicity**
- **Aquatic toxicity:** Not considered toxic to fish
- **Persistence and degradability:** No further relevant information available
- **Bioaccumulative potential:** No further relevant information available
- **Mobility in soil:** No further relevant information available
- **Additional ecological information:**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects:** No further relevant information available

## 13. Disposal considerations

· **Waste treatment methods:** Recover or recycle if possible. Properly characterize all waste material. Consult federal, state, provincial and local regulations regarding the proper disposal of this material. Prevent material from entering sewers, storm drains, other unauthorized treatment drainage systems and natural waterways.

#### 14. Transport Information

- UN-Number
- DOT,ADR,ADN,IMDG,IATA Void
- UN proper shipping name None
- DOT,ADR,ADN,IMDG,IATA Void
- Transport hazard class(es)
- DOT,ADR,ADN,IMDG,IATA
- Class Void
- Packing group
- DOT,ADR,IMDG,IATA Void
- Environmental hazards:
- Marine pollutant No
- Special precautions for user Not applicable
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC code Not applicable
- UN "Model Regulation": -

#### 15. Regulatory information

- Safety, health and environmental regulation/legislation specific for the substance or mixture
- Sara
- Section 302/304: Not listed
- Section 313 (Specific toxic chemical listings): Not listed
- NTP/ IARC/ OSHA: Has not been identified as a carcinogen by NTP, IARC, or OSHA
- Carcinogenic categories Not listed
- EPA (Environmental Protection Agency) None of the ingredients is listed
- TLV (Threshold Limit Value established by ACGIH) None of the ingredients is listed
- NIOSH-Ca(National Institute for Occupational Safety and Health) None of the ingredients is listed
- OSHA-CA(occupational Safety & Health Administration) None of the ingredients is listed
- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out

#### 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Effective Date:** September 1, 2018

**Supersedes:** All previous

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