Stat-X® Aerosol Fire Suppression

Fireaway

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 & Amendment 987/2008 (REACH) & HazCom 2012

**5852 Baker Road**
**Minnetonka, MN**
**55345**
**USA**

**SDSR#** FU008
**DATE:** 11/18

## SECTION 1: Identification of the Substance/Mixture and of the Company/undertaking Product Identifier

**Stat-X Responder®.**

**Details of the supplier of the safety data sheet:**
Fireaway Inc., 5852 Baker Road, Minnetonka, MN, 55345, USA
Telephone +1 (952) 935-9745, Fax +1 (952) 935-9757
Email address of the competent person: info@statx.com

**For information only**, call 1-952-935-9745.

| | |
|---|---|
| **For emergencies**, | call |
| **INFOTRAC** | |
| USA & CANADA: | +1-800-535-5053 |
| INTERNATIONAL: | +1-352-323-3500 (collect) |

**Only Representative Contact:**
**Blue Frog Scientific Limited**, Quantum House,
91 George Street, Edinburgh, EH2 3ES
+44 (0) 131 523 1412

## SECTION 2: Hazards Identification

Possible exposure to aerosol suppression agent if generator is activated. May cause temporary, mild irritation of mucous membranes if inhaled. US EPA listed under US EPA SNAP List for use as a total flooding fire suppression agent in normally occupied spaces.

### 2.1 Classification

**OSHA Regulatory Status**

All 3 chemicals listed below are not stored as raw loose powder but homogenously blended and pressed into a single solid aerosol forming compound pellet. Exposure to raw dust from the pellet is very limited which may contain any of the 3 chemicals listed in Section 3.

Potassium nitrate: Oxidizer solid

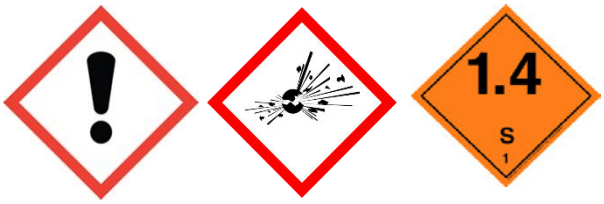
Dicyandiamide: Not a hazardous substance or mixture

Phonolic resin: This chemical is considered hazardous under 29 CFR 1910.1200 (Hazard Communication)

### 2.2 Label Elements

**Signal Word**

**WARNING**




**Hazard Statements**

**Potassium nitrate dust:**

May intensity fire; oxidizer (H272)

**Dicyandiamide dust:** Not a hazardous substance or mixture

**Phenolic Resin dust:**

Causes skin irritation (H315)

Causes eye irritation (H319)

May cause respiratory irritation (H335)

**Precautionary Statements**

Potassium nitrate: Keep/store away from clothing/combustible materials

**Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing particles/dust/gas. Handle in accordance with good industrial hygiene and safety practice. Keep away from heat.

**Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rising. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

IF ON CLOTHING: Dispose of contaminated clothing and gloves after use in accordance with applicable laws and good industrial hygiene practices. Contaminated clothing should not be allowed out of the workplace unless well rinsed with water.

**Disposal**

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

**2.3 Hazards Not Otherwise Classified (HNOC)**

Not applicable.

## SECTION 3: Composition/Information on Ingredients

Hazardous components: Does not contain dangerous materials as defined by ordinance on hazardous materials.

| **Components – Chemical (Hazardous Components ≥ 1%)** | **CAS#** | **Weight %** | **COMMENTS:** |
|---|---|---|---|
| Potassium Nitrate<br>ECHA Registration no.<br>01-2119488224-35-0066 | 7757-79-1 | 75.0 | Components are blended and pressed into a highly stable, molded form. Molded composition is contained within a sealed metal housing – no environmental exposure. Upon generator unit activation these chemical elements are not discharged from the unit but are fully consumed by an internal chemical reaction. |
| DCDA | 461-58-5 | 16.5 | |
| Organic Resin | 9003-35-4 | 8.5 | |
| Appearance & Odor: | | | Beige to white in color. No odor. |
| Auto-Ignition Temperature: | | | $300^0$ C |
| Solubility in Water: | | | Slightly Soluble |

## SECTION 4: First aid measures

| **Contact Method:** | **Procedure:** |
|---|---|
| Inhalation | Remove to fresh air |
| Eye Contact | Flush with water |
| Skin Contact | Wash with soap and water. |
| Ingestion | Not a likely route of exposure. |
| **Seek medical attention for further treatment, observation, and support if necessary.** | |

## SECTION 5: Firefighting Measures

In the event of a fire, evacuate the area and inform emergency services. Ignition of Stat-X First Responder produces a fire-suppression aerosol. Water may be used as an additional suppression agent.

## SECTION 6: Accidental Release Measures

If these devices are spilled they can be safely recovered by hand and should be inspected for damage prior to repacking. Suspect or damaged articles should be labeled and consigned for correct destruction.

## SECTION 7: Handling and Storage

Store in temperate conditions. Avoid shock, electric currents, static discharge, excessive heat and extended periods of storage at temperatures greater than 65°C.

## SECTION 8: Exposure Controls/Personal Protection

| | |
|---|---|
| Respiratory Protection | Ventilate area completely after discharge. Do not enter area prior to complete venting of enclosure. Use filter mask as necessary during clean-up. |
| Hand Protection | Wear gloves if handling generators prior to cooling. |
| Eye Protection | Safety glasses are advisable. |
| Skin Protection | N/A |

## SECTION 9: Physical and Chemical Properties

| | |
|---|---|
| Appearance: | Stainless Steel Cylinder up to 270 mm in length |

## SECTION 10: Stability and Reactivity

These devices are extremely stable below 125°C. They are packaged to protect the articles from electrical power and shock. As with any stored products, stored packaging should be protected from fire and high temperatures.

## SECTION 11: Toxicological Information

Toxic by-products of combustion are extremely low. Main by-products are listed below with 15-minute TWA values for a maximum 100g/$m^3$ concentration in a hermetically sealed volume.

| Gas | 15 minute Time Weighted Average in parts per million |
|---|---|
| $NO_2$ | 1.08 |
| NO | 0.97 |
| CO | 84.20 |

## SECTION 12: Ecological Information

These devices are sealed and present no ecological hazards. The aerosol produced upon ignition has very low global warming potential and an ozone depletion potential = 0.

## SECTION 13: Disposal Considerations

Comply with all local, state, and federal/international regulations.

## SECTION 14: Transport Information

| | |
|---|---|
| UN Number: 0432 | Authorized Modes of Transport:<br>Motor Vehicle, Rail, Cargo Vessel, Cargo and Passenger Air |
| UN Classification: Class 1.4S Articles<br>Pyrotechnic for Technical Purposes | Shipping Limitations:<br>Cargo Aircraft: Max single packaging – 100 kg.<br>Passenger Aircraft: Max single packaging – 25 kg. |

## SECTION 15: Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulations**

**Phenolic Resin:**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I, as amended:
Not listed.
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II, as amended:
Not listed.
Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as Amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.
Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed.
Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA
Not listed.

**Authorizations**

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization:
Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended:
FORMALDEHYDE (CAS 50-00-0):

**Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

FORMALDEHYDE (CAS 50-00-0)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended:

FORMALDEHYDE (CAS 50-00-0)

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended:

FORMALDEHYDE (CAS 50-00-0)

**Other EU regulations**

Directive 2012/18/EU on major accident hazards involving dangerous substances:

FORMALDEHYDE (CAS 50-00-0)

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended:

FORMALDEHYDE (CAS 50-00-0)

Directive 94/33/EC on the protection of young people at work, as amended

FORMALDEHYDE (CAS 50-00-0)

**Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws.

**National regulations**

This preparation is not classified as dangerous according to European Union legislation. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.

**U.S. INFORMATION**

**Potassium Nitrate:**

TSCA 8(b) inventory: Potassium Nitrate
CALIFORNIA PROPOSITION 65: Potassium Nitrate (CAS 7757-79-1) is not listed.
Clean Water Act (CWA): No product found

**Phenolic Resin:**

CALIFORNIA PROPOSITION 65: Formaldehyde (CAS 50-00-0) is listed.
Clean Water Act (CWA): Hazardous substance

## SECTION 16: Other Information

Comply with manufacturer's installation and maintenance procedures.

**Disclaimer: The information contained herein is accurate to the best knowledge and belief of Fireaway Inc., and is intended to describe the product for health, safety, and environmental requirements only. It is not intended and should not be construed as a warranty. Consult Fireaway for further information.**

Stat-X® Aerosol Fire Suppression

Fireaway

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 & Amendment 987/2008 (REACH) & HazCom 2012

**5852 Baker Road**
**Minnetonka, MN**
**55345**
**USA**

**SDSR#** FU015A
**DATE:** 04/23

## SECTION 1: Identification of the Substance/Mixture and of the Company/undertaking Product Identifier

**Stat-X® Condensed Aerosol Generators - Models 30 to 2500.**

**Details of the supplier of the safety data sheet:**
Fireaway Inc., 5852 Baker Road, Minnetonka, MN, 55345, USA
Telephone +1 (952) 935-9745, Fax +1 (952) 935-9757
Email address of the competent person: info@statx.com

**For information only**, call 1-952-935-9745.
**For emergencies**, call
**INFOTRAC**
USA & CANADA: +1-800-535-5053
INTERNATIONAL: +1-352-323-3500 (collect)

**Only Representative Contact:**
**Blue Frog Scientific Limited**, Quantum House,
91 George Street, Edinburgh, EH2 3ES
+44 (0) 131 523 1412

## SECTION 2: Hazards Identification

Possible exposure to aerosol suppression agent if generator is activated. May cause temporary, mild irritation of mucous membranes if inhaled. US EPA listed under US EPA SNAP List for use as a total flooding fire suppression agent in normally occupied spaces.

### 2.1 Classification

**OSHA Regulatory Status**

All 3 chemicals listed below are not stored as raw loose powder but homogenously blended and pressed into a single solid aerosol forming compound pellet. Exposure to raw dust from the pellet is very limited which may contain any of the 3 chemicals listed in Section 3.

Potassium nitrate: Oxidizer solid

Dicyandiamide: Not a hazardous substance or mixture

Phenolic resin: This chemical is considered hazardous under 29 CFR 1910.1200 (Hazard Communication)

### 2.2 Label Elements

**Signal Word**

**WARNING**

**Hazard pictogram(s)**

**Hazard statement(s)**

| | | |
|---|---|---|
| H272 | Oxidizer | Oxidizer, Category 3 |
| H315 | Causes skin irritation | Skin Damage/Irritation, Category 2 |
| H319 | Causes eye irritation | Eye Damage/Irritation, Category 2B |
| H335 | May cause respiratory irritation | Specific Target Organ Toxicity (Single Exposure), Category 3 (Respiratory Tract irritation) |

**Precautionary statement(s) Prevention**

| | |
|---|---|
| P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking |
| P220 | Keep/store away from clothing/organic material/combustible materials |
| P261 | Avoid breathing dust/fumes |
| P264 | Wash face, hands and any exposed skin thoroughly after handling |
| P272 | Contaminated clothing should not be allowed out of the workplace unless well rinsed with water |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |

**Precautionary statement(s) Response**

| | | |
|---|---|---|
| P303 | IF ON SKIN | Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. |
| P305 | IF IN EYES | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rising. If eye irritation persists: Get medical advice/attention. |
| P306 | IF ON CLOTHING | Dispose of contaminated clothing and gloves after use in accordance with applicable laws and good industrial hygiene practices. |

**Precautionary statement(s) Storage**

| | |
|---|---|
| P411 | Store at temperatures not exceeding 65°C/149°F |

**Precautionary statement(s) Disposal**

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

**2.3 Hazards Not Otherwise Classified (HNOC)**

Not applicable.

## SECTION 3: Composition/Information on Ingredients

Hazardous components: Does not contain dangerous materials as defined by ordinance on hazardous materials.

| **Components – Chemical (Hazardous Components ≥ 1%)** | **CAS#** | **Weight %** | **COMMENTS:** |
|---|---|---|---|
| Potassium Nitrate<br>ECHA Registration no.<br>01-2119488224-35-0066 | 7757-79-1 | 75.0 | Components are blended and pressed into a highly stable, molded form. Molded composition is contained within a sealed double-walled stainless steel housing – no environmental exposure. Upon generator unit activation these chemical elements are not discharged from the unit but are fully consumed by an internal chemical reaction. |
| DCDA (Cyanoguanidine)<br>ECHA Registration no.<br>01-2119474914-28-0020 | 461-58-5 | 16.5 | |
| Organic Resin | 9003-35-4 | 8.5 | |
| Appearance & Odor: | | | Beige to white in color. No odor. |
| Auto-Ignition Temperature: | | | $300^0$ C |
| Solubility in Water: | | | Slightly Soluble |

## SECTION 4: First aid measures

| Contact Method: | Procedure: |
|---|---|
| Inhalation | Remove to fresh air |
| Eye Contact | Flush with water |
| Skin Contact | Wash with soap and water. |
| Ingestion | Not a likely route of exposure. |
| **Seek medical attention for further treatment, observation, and support if necessary.** | |

## SECTION 5: Firefighting Measures

In the event of a fire, evacuate the area and inform emergency services. Ignition of Stat-X produces a fire-suppression aerosol. Water may be used as an additional suppression agent.

## SECTION 6: Accidental Release Measures

If these devices are spilled they can be safely recovered by hand and should be inspected for damage prior to repacking. Suspect or damaged articles should be labeled and consigned for correct destruction.

## SECTION 7: Handling and Storage

Store in temperate conditions. Avoid shock, electric currents, static discharge, excessive heat and extended periods of storage at temperatures greater than 65°C.

## SECTION 8: Exposure Controls/Personal Protection

| | |
|---|---|
| Respiratory Protection | Ventilate area completely after discharge. Do not enter area prior to complete venting of enclosure. Use filter mask as necessary during clean-up. |
| Hand Protection | Wear gloves if handling generators prior to cooling. |
| Eye Protection | Safety glasses are advisable. |
| Skin Protection | N/A |

## SECTION 9: Physical and Chemical Properties

| | |
|---|---|
| Appearance: | Stainless Steel Cylinder up to 270 mm in length |

## SECTION 10: Stability and Reactivity

These devices are extremely stable below 125°C. They are packaged to protect the articles from electrical power and shock. As with any stored products, stored packaging should be protected from fire and high temperatures.

## SECTION 11: Toxicological Information

Toxic by-products of combustion are extremely low. Main by-products are listed below with 15-minute TWA values for a maximum 100g/$m^3$ concentration in a hermetically sealed volume.

| Gas | 15 minute Time Weighted Average in parts per million |
|---|---|
| $NO_2$ | 1.08 |
| NO | 0.97 |
| CO | 84.20 |

## SECTION 12: Ecological Information

These devices are sealed and present no ecological hazards. The aerosol produced upon ignition has very low global warming potential and an ozone depletion potential = 0.

## SECTION 13: Disposal Considerations

Comply with all local, state, and federal/international regulations.

## SECTION 14: Transport Information

**Hazard pictogram(s)**


| | |
|---|---|
| UN Number: 0432 | Authorized Modes of Transport:<br>Motor Vehicle, Rail, Cargo Vessel, Cargo and Passenger Air |
| UN Classification: Class 1.4S Articles<br>Pyrotechnic for Technical Purposes | Shipping Limitations:<br>Cargo Aircraft: Max single packaging – 100 kg.<br>Passenger Aircraft: Max single packaging – 25 kg. |

## SECTION 15: Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulations**

**Phenolic Resin:**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I, as amended:
Not listed.
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II, as amended:
Not listed.
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Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as Amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.
Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed.
Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA
Not listed.

**Authorizations**

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization:
Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended:
FORMALDEHYDE (CAS 50-00-0):

**Restrictions on use**

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FORMALDEHYDE (CAS 50-00-0)
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended:
FORMALDEHYDE (CAS 50-00-0)
Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended:
FORMALDEHYDE (CAS 50-00-0)

**Other EU regulations**

Directive 2012/18/EU on major accident hazards involving dangerous substances:
FORMALDEHYDE (CAS 50-00-0)
Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended:
FORMALDEHYDE (CAS 50-00-0)
Directive 94/33/EC on the protection of young people at work, as amended
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**Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws.

**National regulations**

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**U.S. INFORMATION**

**Potassium Nitrate:**
TSCA 8(b) inventory: Potassium Nitrate
CALIFORNIA PROPOSITION 65: Potassium Nitrate (CAS 7757-79-1) is not listed.
Clean Water Act (CWA): No product found

**Phenolic Resin:**
CALIFORNIA PROPOSITION 65: Formaldehyde (CAS 50-00-0) is listed.
Clean Water Act (CWA): Hazardous substance

## SECTION 16: Other Information

Comply with manufacturer's installation and maintenance procedures.

**Disclaimer: The information contained herein is accurate to the best knowledge and belief of Fireaway Inc., and is intended to describe the product for health, safety, and environmental requirements only. It is not intended and should not be construed as a warranty. Consult Fireaway for further information.**

Stat-X® Aerosol Fire Suppression

Fireaway

# Safety Data Sheet according to Regulation (EC) No. 1907/2006 & Amendment 987/2008 (REACH) & HazCom 2012

**5852 Baker Road**
**Minnetonka, MN**
**55345**
**USA**

**SDSR#** FU015B
**DATE:** 11/2023

## SECTION 1: Identification of the Substance/Mixture and of the Company/undertaking Product Identifier

**Stat-X® Condensed Aerosol Generators - Models 15 to 2500.**

**Details of the supplier of the safety data sheet:**
Fireaway Inc., 5852 Baker Road, Minnetonka, MN, 55345, USA
Telephone +1 (952) 935-9745, Fax +1 (952) 935-9757
Email address of the competent person: technical@statx.com

**For information only**, call 1-952-935-9745.
**For emergencies**, call
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USA & CANADA: +1-800-535-5053
INTERNATIONAL: +1-352-323-3500 (collect)

**Only Representative Contact:**
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91 George Street, Edinburgh, EH2 3ES
+44 (0) 131 523 1412

## SECTION 2: Hazards Identification

Possible exposure to aerosol suppression agent if generator is activated. May cause temporary, mild irritation of mucous membranes if inhaled. US EPA listed under US EPA SNAP List for use as a total flooding fire suppression agent in normally occupied spaces.

### 2.1 Classification

**OSHA Regulatory Status**

All 3 chemicals listed below are not stored as raw loose powder but homogenously blended and pressed into a single solid aerosol forming compound pellet. Exposure to raw dust from the pellet is very limited which may contain any of the 3 chemicals listed in Section 3.

Potassium nitrate: Oxidizer solid

Dicyandiamide: Not a hazardous substance or mixture

Phenolic resin: This chemical is considered hazardous under 29 CFR 1910.1200 (Hazard Communication)

### 2.2 Label Elements

**Signal Word**

**WARNING**

**Hazard pictogram(s)**

**Hazard statement(s)**

| | | |
|---|---|---|
| H272 | Oxidizer | Oxidizer, Category 3 |
| H315 | Causes skin irritation | Skin Damage/Irritation, Category 2 |
| H319 | Causes eye irritation | Eye Damage/Irritation, Category 2B |
| H335 | May cause respiratory irritation | Specific Target Organ Toxicity (Single Exposure), Category 3 (Respiratory Tract irritation) |

**Precautionary statement(s) Prevention**

| | |
|---|---|
| P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking |
| P220 | Keep/store away from clothing/organic material/combustible materials |
| P261 | Avoid breathing dust/fumes |
| P264 | Wash face, hands and any exposed skin thoroughly after handling |
| P272 | Contaminated clothing should not be allowed out of the workplace unless well rinsed with water |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |

**Precautionary statement(s) Response**

| | | |
|---|---|---|
| P303 | IF ON SKIN | Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. |
| P305 | IF IN EYES | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rising. If eye irritation persists: Get medical advice/attention. |
| P306 | IF ON CLOTHING | Dispose of contaminated clothing and gloves after use in accordance with applicable laws and good industrial hygiene practices. |

**Precautionary statement(s) Storage**

| | |
|---|---|
| P411 | Store at temperatures not exceeding 65°C/149°F |

**Precautionary statement(s) Disposal**

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

**2.3 Hazards Not Otherwise Classified (HNOC)**

Not applicable.

## SECTION 3: Composition/Information on Ingredients

Hazardous components: Does not contain dangerous materials as defined by ordinance on hazardous materials.

| Components – Chemical (Hazardous Components ≥ 1%) | CAS# | Weight % | COMMENTS: |
|---|---|---|---|
| Potassium Nitrate<br>ECHA Registration no.<br>01-2119488224-35-0066 | 7757-79-1 | 75.0 | Components are blended and pressed into a highly stable, molded form. Molded composition is contained within a sealed double-walled stainless steel housing – no environmental exposure. Upon generator unit activation these chemical elements are not discharged from the unit but are fully consumed by an internal chemical reaction. |
| DCDA (Cyanoguanidine)<br>ECHA Registration no.<br>01-2119474914-28-0020 | 461-58-5 | 16.5 | |
| Organic Resin | 9003-35-4 | 8.5 | |

| | | | |
|---|---|---|---|
| Appearance & Odor: | | | Beige to white in color. No odor. |
| Auto-Ignition Temperature: | | | $300^0$ C |
| Solubility in Water: | | | Slightly Soluble |

## SECTION 4: First aid measures

| Contact Method: | Procedure: |
|---|---|
| Inhalation | Remove to fresh air |
| Eye Contact | Flush with water |
| Skin Contact | Wash with soap and water. |
| Ingestion | Not a likely route of exposure. |
| **Seek medical attention for further treatment, observation, and support if necessary.** | |

## SECTION 5: Firefighting Measures

In the event of a fire, evacuate the area and inform emergency services. Ignition of Stat-X produces a fire-suppression aerosol. Water may be used as an additional suppression agent.

## SECTION 6: Accidental Release Measures

If these devices are spilled they can be safely recovered by hand and should be inspected for damage prior to repacking. Suspect or damaged articles should be labeled and consigned for correct destruction.

## SECTION 7: Handling and Storage

Store in temperate conditions. Avoid shock, electric currents, static discharge, excessive heat and extended periods of storage at temperatures greater than 65°C.

## SECTION 8: Exposure Controls/Personal Protection

| | |
|---|---|
| Respiratory Protection | Ventilate area completely after discharge. Do not enter area prior to complete venting of enclosure. Use filter mask as necessary during clean-up. |
| Hand Protection | Wear gloves if handling generators prior to cooling. |
| Eye Protection | Safety glasses are advisable. |
| Skin Protection | N/A |

## SECTION 9: Physical and Chemical Properties

| | |
|---|---|
| Appearance: | Stainless Steel Cylinder up to 270 mm in length |

## SECTION 10: Stability and Reactivity

These devices are extremely stable below 125°C. They are packaged to protect the articles from electrical power and shock. As with any stored products, stored packaging should be protected from fire and high temperatures.

## SECTION 11: Toxicological Information

Toxic by-products of combustion are extremely low. Main by-products are listed below with 15-minute TWA values for a maximum $100g/m^3$ concentration in a hermetically sealed volume.

| Gas | 15 minute Time Weighted Average in parts per million |
|---|---|
| $NO_2$ | 1.08 |
| NO | 0.97 |
| CO | 84.20 |

## SECTION 12: Ecological Information

These devices are sealed and present no ecological hazards. The aerosol produced upon ignition has very low global warming potential and an ozone depletion potential = 0.

## SECTION 13: Disposal Considerations

Comply with all local, state, and federal/international regulations.

## SECTION 14: Transport Information

**Hazard pictogram(s)**


Safety Device

| | |
|---|---|
| UN Number and Proper Ship Name:<br>UN3268 Safety Devices 9 DOT-SP 20600 | Authorized Modes of Transport:<br>Motor Vehicle, Rail, Cargo Vessel, Cargo Aircraft Only |
| UN Classification: Class 9, Safety Devices<br>US DOT PHMSA Special Permit DOT-SP 20600 (SIXTH REVISION), dated March 07, 2023[1] | Shipping Limitations:<br>Cargo Aircraft: Max single packaging – 100 kg. |
| US DOT PHMSA Special Permit DOT-SP 20600 modes of transport authorized: motor vehicle, rail, cargo vessel, and cargo-aircraft only. A person who is not holder of this special permit but receives a fire suppression device covered by this special permit, may reoffer it for transportation provided no modification or change is made to the fire suppression device and it is offered for transportation in conformance with this special permit and the Hazardous Materials Regulations. | |

[1] https://www.phmsa.dot.gov/approvals-and-permits/hazmat/file-serve/offer/SP20600.pdf/offerserver/SP20600

| | |
|---|---|
| UN Number and Proper Ship Name:<br>UN3268 Safety Devices 9 D/BAM-1857/19 | Authorized Modes of Transport:<br>Motor Vehicle, Rail, Cargo Vessel, Cargo and Passenger aircraft |
| UN Classification: Class 9, Safety Devices<br>Bundesanstalt für Materialforschung und –prüfung (BAM) Notice D/BAM-1857/19 | ADR / RID / IMDG – Code / Special Provision 280<br>IATA-DGR / Special Provision A115<br>ICAO-TI |
| **IMPORTANT NOTE: Shipments to and from the United States of America must follow the CAO Cargo Air Only requirements as described in the US DOT PHMSA Special Permit DOT-SP 20600.** | |

## SECTION 15: Regulatory Information

**Safety, health, and environmental regulations/legislation specific for the substance or mixture**
**EU regulations**

**Phenolic Resin:**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I, as amended:
Not listed.
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II, as amended:
Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as Amended:
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.
Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed.
Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA
Not listed.

**Authorizations**

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization:
Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended:
FORMALDEHYDE (CAS 50-00-0):

**Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
FORMALDEHYDE (CAS 50-00-0)
Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended:
FORMALDEHYDE (CAS 50-00-0)
Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended:
FORMALDEHYDE (CAS 50-00-0)

**Other EU regulations**

Directive 2012/18/EU on major accident hazards involving dangerous substances:
FORMALDEHYDE (CAS 50-00-0)

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended:

FORMALDEHYDE (CAS 50-00-0)

Directive 94/33/EC on the protection of young people at work, as amended

FORMALDEHYDE (CAS 50-00-0)

**Other regulations**

The product is classified and labeled in accordance with EC directives or respective national laws.

**National regulations**

This preparation is not classified as dangerous according to European Union legislation. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.

**U.S. INFORMATION**

**Potassium Nitrate:**

TSCA 8(b) inventory: Potassium Nitrate

CALIFORNIA PROPOSITION 65: Potassium Nitrate (CAS 7757-79-1) is not listed.

Clean Water Act (CWA): No product found

**Phenolic Resin:**

CALIFORNIA PROPOSITION 65: Formaldehyde (CAS 50-00-0) is listed.

Clean Water Act (CWA): Hazardous substance

## SECTION 16: Other Information

Comply with manufacturer's installation and maintenance procedures.

**Disclaimer: The information contained herein is accurate to the best knowledge and belief of Fireaway Inc., and is intended to describe the product for health, safety, and environmental requirements only. It is not intended and should not be construed as a warranty. Consult Fireaway for further information.**

Stat-X® Aerosol Fire Suppression

# Power Generation Fire Protection

# THE RISK: Costly Fires in Power Generation

A power generation facility has several high-risk fire hazard areas as large quantities of fuel and rotating equipment are common. Fires are not a frequent occurrence but when they happen, they can cause severe damage to critical equipment, and reduce availability and reliability of power supplies.

Power generating fires have costly and even fatal consequences. Everyone in the plant needs to understand the fire hazards. Many fires can be minimized with management of fire suppressions systems(s) and reliability will increase with the proper attention for inspections, testing, and maintenance.

The National Fire Protection Association (NFPA) is the most recognized authority, publishing codes, standards and recommended practices in various fire protection areas. NFPA 850, Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations contain these guidelines. This recommended practice outlines fire safety recommendations for gas, oil, coal, and alternative fuel electric generating plants, including high voltage direct current converter stations and combustion turbine units used for electric generation.

Stat-X® fire suppression is the best choice for enclosed special hazards and provides numerous competitive advantages including: compact design, agent effectiveness, lower cost, exceptional value, US EPA SNAP Listed, and Made in the USA. Stat-X is currently protecting many power generation applications around the world.

# THE SOLUTION: Stat-X Fire Suppression

### *Advanced Technology*

Stat-X aerosol fire suppression is a versatile and cost-effective solution for power generation fire protection. Each sealed, stainless steel generator contains a solid, stable, and specially formulated fire suppression compound unmatched in the industry.

When a fire occurs, the Stat-X generator activates, producing and releasing an advanced aerosol fire suppression agent.

Agent fills the protected space and chemically interrupts the combustion process. Fire is suppressed, and the micron-sized agent particles remain suspended to help prevent possible re-flash.

*Aerosol generator discharge*

### *Versatile Solution*

Stat-X generators come in a range of compact, rugged, non-pressurized units. Modular design allows versatile configuration to protect a variety of spaces, from small to large.

Electrically operated models work with linear and spot heat detection, air sampling/aspirating detection, conventional smoke and combination heat and smoke detection in combination with control systems. Thermally and manually operated models require no external power source to operate.

*Stat-X® aerosol generators are compact for modular system design*

### *Economical and Safer*

Compared to expensive water deluge, gas, or dry chemical piped systems, Stat-X technology is economical to install and own.

Stat-X units do not need piping. What's more, no special catch basins are required to collect any waste water and oil mix after a fire, which could overflow and make soil remediation necessary.

When discharged, Stat-X aerosol agent remains suspended, protecting the space longer. Spent Stat-X units are simply replaced so the system can be restored to continue protecting the asset.

Unlike many conventional systems, it doesn't work by depleting oxygen, or by releasing corrosive compounds or ozone-harming chemicals.

And since Stat-X agent is stable and generated only when the system actuates, there's no need for periodic agent level inspections or container hydro-testing.

### *Power Utility Applications*

- Gas Turbine Enclosures
- Generator Rooms
- Switch Gear Rooms
- Battery Rooms (lead acid batteries)
- Machine Rooms
- Electric Cabinets
- Transformer Rooms
- Wind Turbine nacelles, cabinets. down tower, and power room (See Wind Turbine Brochure PN: 19056)

### *The Stat-X Advantage*

- Advanced technology — peerless firefighting on a weight basis over water, gas, or dry chemical
- Compact modular design — mounts high and is suitable for obstructed spaces
- Economical to install — no agent piping network or pressurized vessels needed
- Economical to own — no service charges for container level checks, weighing, or hydro-testing
- Choice of operation — thermal, manual, or electrical using popular detection and control systems
- Long life — rugged, sealed, stainless steel units made in USA for long service life
- Approvals — tested, listed, and homologated by military, government, and independent agencies
- US EPA SNAP Listed for normally occupied and unoccupied spaces
- Environmentally friendly – zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP)

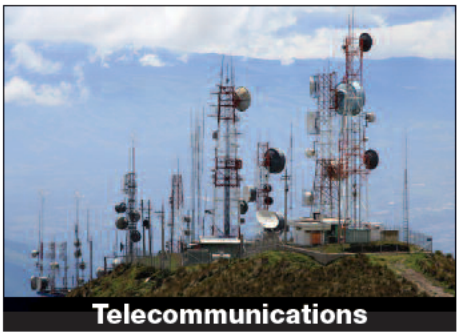
*Standby generator rooms need protection and are in most facilities.*

*Power supply rooms are ideal for Stat-X!*


*Stat-X is tested and proven to be effective on lithium-ion battery fires!*

### *Stat-X Technology Protects Critical Infrastructure Worldwide*

Today there are thousands of Stat-X installations protecting lives and property on six continents.


Telecommunications


Mining


Electric Cabinets

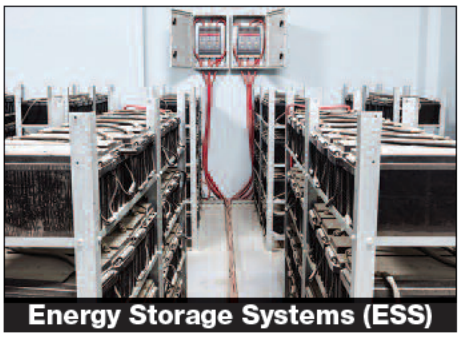

Rolling Stock


Transportation

Flammable Liquid Storage


Wind Turbine


Power Generation


Energy Storage Systems (ESS)

### *Approvals and Homologations*

The advanced technology used by Stat-X products is covered by NFPA® 2010 Standard for Fixed Aerosol Fire-Extinguishing Systems. Current approvals are shown below and more are pending.

ACTIVFIRE® CERTIFIED

UL®

ULC LISTED

### *Committed to Quality and Technology*

Stat-X is manufactured by Fireaway Inc. Fireaway implements a Management System, certified by QAS according to Standard ISO 9001:2015 (US2635) in Minnetonka, MN.

Contact an authorized distributor partner or Fireaway direct for more information.

www.statx.com
Email: info@statx.com
Tel: 952-935-9745
https://statx.com/privacy-policy/

***Authorized Distributor***

Fireaway

5852 Baker Road
Minnetonka, MN 55345, U.S.A.


Part No. 19053 4/20

# Stat-X® Aerosol Fire Suppression

## Your Choice for Special Hazard Fire Protection

# Traditional Special Hazard Fire Protection

## Centers Around Two Technologies

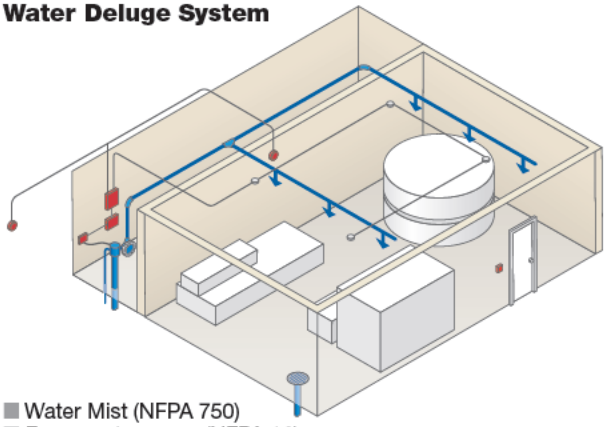
Water deluge and chemical agent fixed systems protect high value assets and processes not possible with sprinkler-based fire protection.

But this technology remains basically unchanged over the years; a supply of agent is stored under pressure, released through a piping distribution network, floods the space, and suppresses the fire.

Traditional piped systems require costly installation adaptations like:

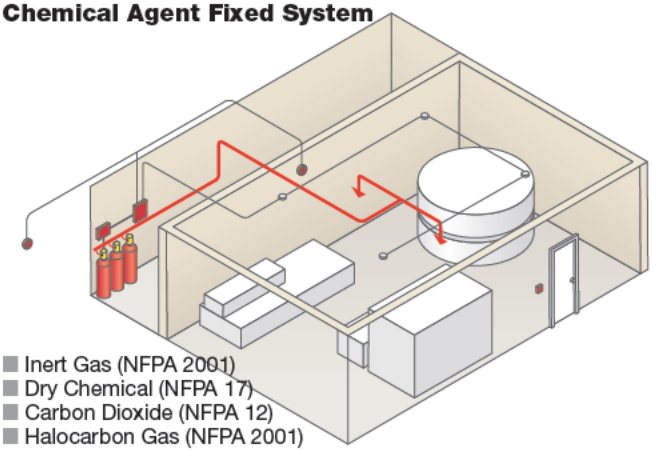
- Extra space for agent containers and piping
- Robust fixtures to handle weight and discharge
- System isn't easily reconfigured if space changes
- Extensive and frequent maintenance burden
- Special measures for recharging at remote sites

**Water Deluge System**



- Water Mist (NFPA 750)
- Foam-water spray (NFPA 16)

**Chemical Agent Fixed System**



- Inert Gas (NFPA 2001)
- Dry Chemical (NFPA 17)
- Carbon Dioxide (NFPA 12)
- Halocarbon Gas (NFPA 2001)

# Stat-X® Aerosol Technology

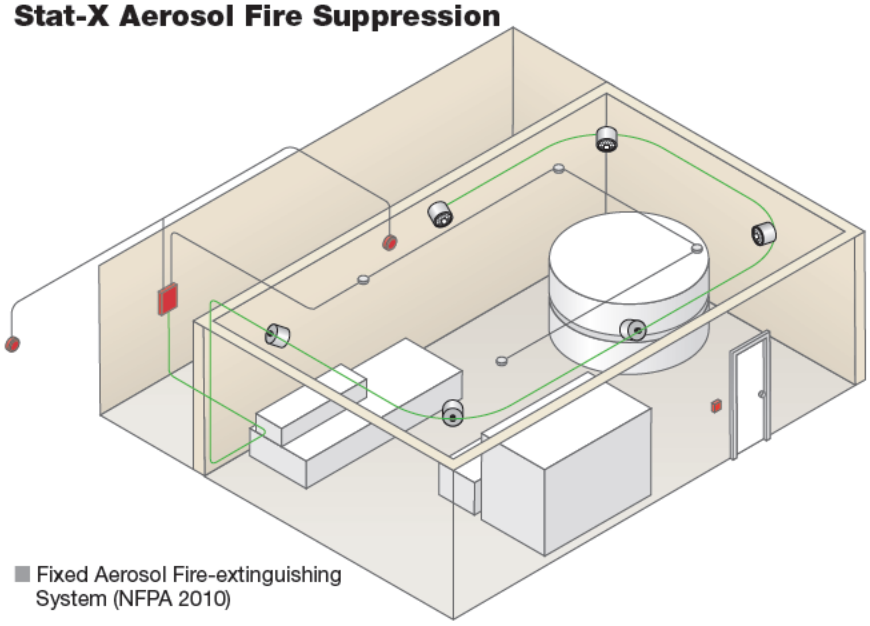
## An Effective and Economical Alternative

For safety professionals who need effective and economical special hazard fire protection, Stat-X aerosol technology delivers up to 35% savings in equipment and lifecycle costs compared to traditional systems. This is due to lower initial expense plus minimal ongoing service costs.

***Stat-X aerosol technology is different:***

- NO distribution piping, manifold, or nozzles
- NO floor space requirement or shoring up for weight
- NO special handling for compressed gas cylinders
- NO venting or ceiling tile clips for discharge forces
- NO solenoid actuators, control heads, or hoses
- NO water drains or pipe freeze protection
- NO system pressurization or room integrity tests

**Stat-X Aerosol Fire Suppression**



- Fixed Aerosol Fire-extinguishing System (NFPA 2010)

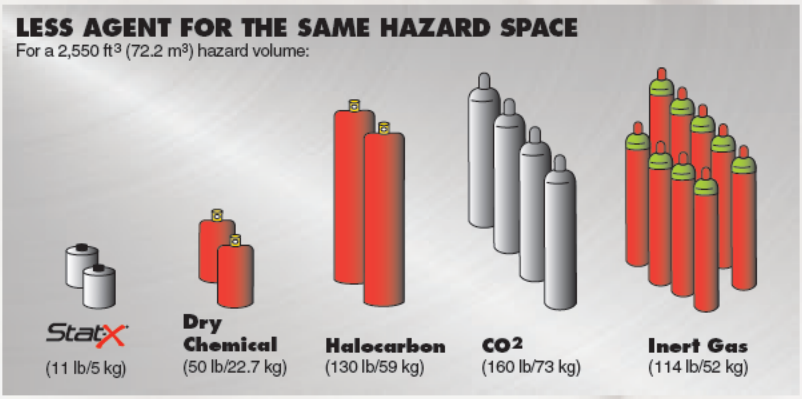
# How it Works

Stat-X devices are termed condensed aerosol agent generators because they generate an ultra-fine suspension of highly ionized potassium fire-fighting particles upon actuation.

***The key elements in the generation process are:***

- Device is sealed and stable until actuated
- Actuator at top energizes proprietary compound, creating aerosol agent by exothermic oxidation
- Build-up of ultra-fine particles and nitrogen gas breaks membrane seal and exits through ports
- Discharge fills protected area with a soft suspension of Stat-X agent without "super-pressurizing" space
- Potassium ions combine with fragments of combustion, inhibiting the fire chain reaction
- Agent particles also absorb heat from the fire and form inert gases upon decomposition
- Minute Stat-X agent particles (≤2 µm) remain in suspension afterwards, helping check re-ignition
- Post-fire area can be vented, with no harmful byproducts generated

The superior effectiveness of condensed aerosols is due to a unique set of characteristics unmatched by other special hazard agents. This is why it is by far the most efficient fire suppression agent by weight.




- ***Most efficient fire suppression by weight***
- ***Effective on A (surface), B, and C Class fires***
- ***Non-toxic, EPA listed halon substitute***

# Key Approvals Worldwide

Aerosol fire suppression technology is well-known throughout Europe and Asia. In the past few years, more fire protection engineers in the Americas are recognizing its worth for protecting special hazards.

Norms such as NFPA 2010: Standard for Fixed Aerosol Fire Extinguishing Systems and UL 2775: Fixed Aerosol Extinguishing Systems Units now govern its use in a wide variety of applications.

Stat-X technology is also listed by the USA Environmental Protection Agency as a total flooding system for use in normally occupied and unoccupied areas under its Significant New Alternatives Policy (SNAP) program.

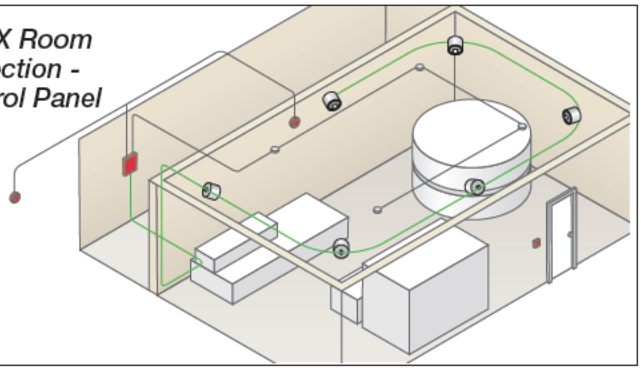
It has no Ozone Depletion Potential (ODP) and zero effective Global Warming Potential (GWP) meaning Stat-X agent is not prone to future bans like many halocarbon agents.

# Wide Range of Solutions

## By Size and Activation Type

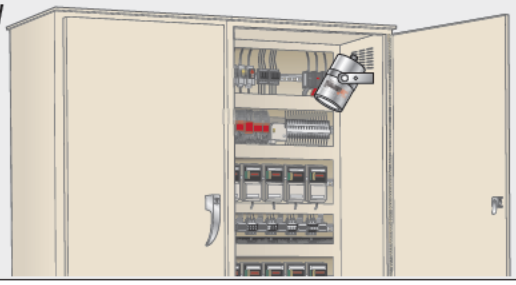
**Electrical Series**

*Stat-X Room Protection - Control Panel*



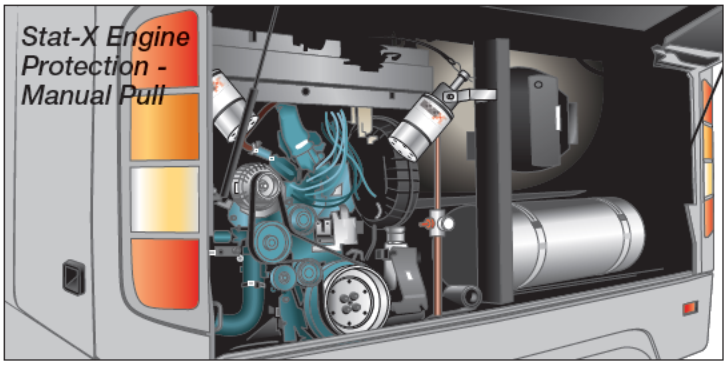
**Electrical Series for Classified Hazardous Areas**

*Stat-X Cabinet Protection - Thermal Head*



**Thermal/ Manual Series**

*Stat-X Engine Protection - Manual Pull*



**Stat-X First Responder®**


*Stat-X Confined Space Protection - Hand-deployed*

# Compatible With Popular Control Panels

Stat-X aerosol generators use the same actuation methods as other special hazard fire systems:

- simple manual release,
- automatic thermal release, or
- sophisticated electronic detection and control

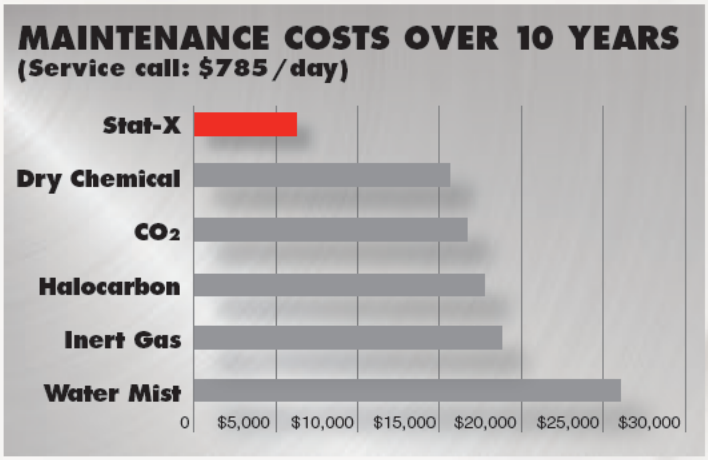
Compatibility with many manufacturers' UL listed agent release panels means Stat-X fire suppression can integrate into networks for central reporting or to mass notification systems per NFPA 72 National Fire Alarm and Signaling Code.

# Low Cost of Ownership

NFPA standards and manufacturer guidelines all require regular system maintenance. This is essential to help ensure your suppression system is ready to respond in a fire emergency.

But maintenance costs can be significant over the life of a system and must be considered early on.

Because Stat-X fire suppression has no distribution piping or pressurized agent vessels, maintenance activity is minimized. This dramatically decreases total cost of ownership compared to other systems.




| TECHNOLOGY | KEY MAINTENANCE TASKS | INTERVALS |
|---|---|---|
| Water Mist | Flow alarm & drain test | Quarterly |
| | Clean or replace screens | Semi-annual |
| | Nozzle water test flow | Annual |
| | Valve tear-down, inspect | 5-years |
| Halocarbon | Test FACP actuation, weigh cylinders | Semi-annual |
| | Blow out piping | 2-years |
| | Hydrostatic test hose | 5-years |
| Dry Chemical | Test FACP actuation, blow out piping | Semi-annual |
| | Tear-down & replace agent | 6-years |
| $CO_2$ | Test FACP actuation, check pressure & agent quantity | Semi-annual |
| | Hydrostatic test cylinder, refill unrecovered agent | 5-years |
| Inert Gas | Test FACP actuation, check pressure & agent quantity | Semi-annual |
| | Hydrostatic test cylinders, refill unrecovered agent | 5-years |
| **Stat-X** | **Test FACP actuation, examine Stat-X hardware** | **Semi-annual** |

The number of required maintenance tasks, their complexity and frequency determine costs over time. Tasks shown above are taken from UL-listed design, installation, operation and maintenance manuals from various manufacturers.

By comparison, Stat-X system inspection and maintenance has fewer tasks, saving both time and labor.

# Fire Professionals Are Switching to Stat-X!

Fire safety professionals who do cost-to-benefit risk analysis quickly realize Stat-X fire suppression is the most economical system, offering the most effective fire protection, for many special hazard applications.

The inherent flexibility of design combined with equipment and labor savings allows them to enhance coverage for currently protected assets and add coverage to previously neglected areas.

# What Our Customers Are Saying

*"Stat-X protecting one of our CNC machines discharged due to fire, suppressing it. The area was unmanned and the automatic system stopped the fire from spreading. We were up and running again fast!"*
*- Manufacturer, Geneva, IL*

*"It works wonders. One Stat-X First Responder® knocked down the fire. They are life savers."*
*- Firefighter, Deer Park, NY*

*"After researching available special hazard systems for the very best protection as well as compliance with safety and environmental issues we found Stat-X technology as the product leader."*
*– Engineer, Leicestershire, UK*

# Quality You Can Count On

Our high quality aerosol fire suppression generators are built to last and built to be effective. Their outstanding fire suppression performance and long service life is rooted in meticulous manufacturing practices.

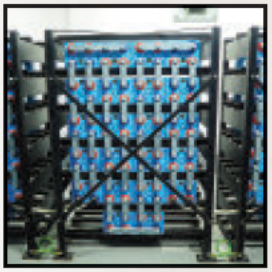
- Proprietary fire suppression compound is precisely formulated, milled and blended from the best reagent grade chemicals
- Architectural grade stainless steel and an impervious metallized membrane create a highly corrosion and oxidation resistant housing
- Manufacture to the tightest engineering tolerances and tested to MIL-STD-810 so units resist environmental effects and temperature extremes
- Partner with leading fire panel makers to ensure full detection and control integration with Stat-X hardware
- State-of-the-art processes are regularly audited and inspected by certified third parties
- American Bureau of Shipping
  - Bureau Veritas
  - Underwriters Laboratories
- Fireaway's Minnetonka facility implements a Management System, certified by QAS according to Standard - ISO 9001:2015. Certificate number: US2635.

# Our Mission: Protect Lives and Property

*This is what we do.*

Our team has decades of experience in special hazard fire protection and is dedicated to finding the most effective and economical ways to apply aerosol fire suppression technology in the widest range of applications.

Contact us. Let's work together to protect lives, property, and fight off the disruptive costs of fire at your business.



Stat-X® Aerosol Fire Suppression

www.statx.com

Fireaway Inc.
5852 Baker Road
Minnetonka, MN 55345 USA
952-935-9745



Made in USA

PN 19090.5 11/2019

17 jul 2025, 13:02:59
Staalstraat 19
8211 AH Lelystad
Nederland

17 jul 2025, 13:03:29
Staalstraat 12–14
8211 AH Lelystad
Nederland

Stat-X®
60 E
Patented
Charge Weight 60 grams
Fire Suppression
Aerosol Generator
For Class:
A
B
C
Fireaway Inc.
5852 Baker Road • Minnetonka, MN 55345
Phone: 952.935.9745 • www.statx.com
Manufactured in the USA under license from Techno-TM, LLC.
HMIS: Stat-X agent 0-0-0. Hot discharge.

17 jul 2025, 13:03:34
Staalstraat 13
8211 AH Lelystad
Nederland

Stat-X

60 E

Patented
Charge Weight 60 grams

Fire Suppress
Aerosol Generat

For Class:

A B C

Fireaway Inc.

5852 Baker Road • Minnetonka, MN 5534
Phone: 952.935.9745 • www.statx.com
Manufactured in the USA under license from Technr-Tk Ltd
HMIS: Stat-X agent 0-0-0. Hot discharge.

17 jul 2025, 13:03:42
Staalstraat 13
8211 AH Lelystad
Nederland

Stat-X®

2500 E Fire Suppression Aerosol Generator

Patented
Charge Weight 2500 grams

For Class:

A B C

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. Make sure power is off before making electrical connections!
3. WARNING! Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unnecessary exposure. Do not cover, remove or deface this label.
4. Read and understand the Owner's Manual for this system PN 19001.
5. Install according to manufacturer's instructions only. See Design, Installation, Operation, and Maintenance Manual PN 19000, for instructions.
6. Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs of damage.
7. Operating and Storage Range: -40°F (-40°C) to +130°F (+54°C).
8. The unit is not rechargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.

LISTED LISTED

MSDS Available at: www.statx.com
Date of manufacture is on the cylinder.
See Owner's Manual for date coding.

Aerosol Generating
Extinguishing System Unit 31TP

Replace 10 years from the coded date below:

| I | J | K | L | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

way LLC
Minnetonka, MN 55345
www.statx.com
USA under license from Techno-TM, LLC.
0-0, Hot discharge.

# Stat-X®

## 2500 E

Patented
Charge Weight 2500 grams

## Fire Suppression Aerosol Generator

1. Caution! Hot Discharge. Do not stand in front of unit when
2. Make sure power is off before making electrical connections.
3. WARNING! Discharge of agent can result in a potential hazard from the natural form of the agent. Avoid unnecessary exposure. remove or deface this label.
4. Read and understand the Owner's Manual for this system PN 19000.
5. Install according to manufacturer's instructions only. See Design, Operation, and Maintenance Manual PN 19000 for instructions.
6. Inspect monthly, or at more frequent intervals as required, according to manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Extinguishing Systems. Replace if seal is broken or if unit shows signs of damage.
7. Operating and Storage Range: -40°F (-40°C) to +130°F (+54°C).
8. The unit is not rechargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.

**For Class:**

A B C

Stat-Discharge LLC
[illegible] Road • Minnetonka, MN 55345
Phone: 952.935.9745 • www.statx.com

Manufactured in the USA under license from Techno-TM, LLC.
HMIS: Stat-X agent 0-0-0. Hot discharge.

UL LISTED ULC LISTED ACTIVFIRE LISTED ECB CE

MSDS: Available at [illegible]
Date of Manufacture: See Owner's Manual

Aerosol Generating Extinguishing System Unit 31TP

Replace 10 years from the above date of manufacture
I J K L 1 2 3 4 5 6 7 8 9

Stat-X® Aerosol Fire Suppression

# Stat-X® Elektrisch activeerbaar

## EIGENSCHAPPEN

- UL 2775 goedgekeurd,
- brandklasse A, B & C,
- neemt geen zuurstof weg,
- geïsoleerde RVS behuizing,
- hoog blussend vermogen,
- compact en drukloos,
- eenvoudig te installeren,
- veilig voor mens en milieu,
- EPA & SNAP toelating
- onderhoudsarm,
- 15 jaar lange levensduur

## HIGHLIGHTS

Deze Stat-X® aerosol bluseenheid wordt elektrisch geactiveerd door een brand meld-/bluscentrale. Andere vormen van activatie behoren tot de mogelijkheden. Een Stat-X® aerosol brandblussysteem wordt toegepast in een breed scala aan applicaties, zoals: opslag en archiefruimten, CNC-machines, industriële ruimten, motor-compartimenten, schakel-/verdeel/proceskasten, hoog en laagspanning-ruimten, en ruimten voor opslag van gevaarlijke stoffen.

| Stat-X Generator type | 30E | 60E | 60ME | 100E | 250E | 250ME | 500E | 1000E | 1000ME | 1500E | 2500E |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Hoeveelheid blusstof in (gr) | 30 | 60 | 60 | 100 | 250 | 250 | 500 | 1000 | 1000 | 1500 | 2500 |
| Gewicht bluseenheid kg | 0,366 | 0,44 | 0,55 | 0,90 | 2,57 | 1,36 | 3,50 | 7,15 | 5,69 | 8,70 | 11,20 |
| Volume A klasse (m³) Idle | 0,31 | 0,62 | 0,62 | 1,03 | 2,58 | 2,58 | 5,15 | 10,31 | 10,31 | 15,46 | 25,77 |
| Volume B klasse (m³) Idle | 0,55 | 1,09 | 1,09 | 1,81 | 4,54 | 4.54 | 9,09 | 18,18 | 18,18 | 27,27 | 45,45 |
| Volume C klasse (m³) Idle | 0,55 | 1,09 | 1,09 | 1,81 | 4,54 | 4.55 | 9,09 | 18,18 | 18,18 | 27,27 | 45,45 |
| Lengte bluseenheid (mm) | 86 | 129 | 153 | 136 | 154 | 205 | 205 | 192 | 319 | 230 | 293 |
| Diameter bluseenheid (mm) | 51 | 51 | 51 | 76 | 127 | 76 | 127 | 203 | 127 | 203 | 203 |
| Uitstroomtijd (sec) | 7 | 10 | 10 | 12 | 12 | 18 | 23 | 16 | 25 | 23 | 36 |
| Lengte uitstroompad (cm) | 25 | 35 | 30 | 46 | 75 | 75 | 127 | 230 | 170 | 200 | 270 |
| Montage hoogte (m) | 1,22 | 2,00 | 2,00 | 2,50 | 2,75 | 2,75 | 3,50 | 4,88 | 4,88 | 4,88 | 4,88 |
| Maximale oppervlakte (m)2 | 1,44 | 2,89 | 2,89 | 4,77 | 11,93 | 11,93 | 23,81 | 23,81 | 23,81 | 23,81 | 23,81 |
| Het te beschermen volume | Het te beschermen volume is uitgaande van een ideale stuatie, zonder lekkage en 3 meter hoog | | | | | | | | | | |
| Soort blusstof | Droog gecondenseerd blusaerosol | | | | | | | | | | |
| Behuizing | Geisoleerd roestvrij staal | | | | | | | | | | |
| Activatie | Ingebouwde elektrische activator 1,4- 2,0Ω | | | | | | | | | | |
| Activatie stroom (Amp) | Parallel circuit 0.5A elk, en serie Circuit 1.0A | | | | | | | | | | |
| Activatie spanning (V)) | 12 - 24Vdc | | | | | | | | | | |
| Activatie puls duur (ms) | 50 | | | | | | | | | | |
| KG artikelcode | KG 15100 | KG 15110 | KG 15111 | KG 15120 | KG 15130 | KG 15530 | KG 15140 | KG 15150 | KG 15550 | KG 15160 | KG 15170 |

De lengte voor elke Stat-X® bluseenheid omvat de gehele lengte van de bluseenheid inclusief de ¾ inch topschroefdraad.
Opslagtemperatuur -40° C tot + 54° C
Relatieve luchtvochtigheid tot 98% bij + 35° C

Onze producten worden continu verbeterd, specificaties kunnen veranderen zonder aankondiging
K & G Groep B.V. Spoordijkhof 1 4944 AZ Raamsdonk

OMGEVINGSDIENST
FLEVOLAND & GOOI EN VECHTSTREEK

**Per e-mail verzenden**
Eerste Lelystadse Schroothandel B.V.
[redacted]
Staalstraat 19
8211 AH LELYSTAD

| **Verzenddatum** | **Bijlagen** | **Kenmerk** |
|---|---|---|
| 23-07-2025 | - | Z2025-008487/D2025-198672 |

**Onderwerp**
Ongewoon voorval Stat-X Aerosol Generator
Staalstraat 19 in Lelystad

Geachte [redacted]

Op 21 mei 2025 heeft [redacted] van de Omgevingsdienst Flevoland & Gooi en Vechtstreek (OFGV) uw bedrijf op de locatie Staalstraat 19 in Lelystad bezocht naar aanleiding van een melding ongewoon voorval op 21 mei 2025 omstreeks 11.56.

**Inleiding**
Binnen uw bedrijf worden afvalstoffen ontvangen met betrekking tot brandblusmiddelen. Een van deze afvalstromen betreft een Stat-X aerosol bluseenheid die of manueel of automatisch worden geactiveerd tijdens branden.

Stat-X aerosol bestaat uit het grootste gedeelte (75%) uit kaliumfosfaat (vaste stof) dat als gevolg van activering als aerosol vrijkomt om de brand te bestrijden. Het middel vult de beschermde ruimte en onderbreekt chemisch het verbrandingsproces. De brand wordt geblust, en de microdeeltjes van het middel blijven in suspensie achter om mogelijke verdere ontbranding te voorkomen.

Als ontsteking is kruit verwerkt in de Stat-X aerosol en daarmee wordt dit product gezien als 1.4S onder de ADR met geen significante explosief gevaar.

**Ongewoon voorval**
Op 21 mei 2025 heeft om omstreeks 11.56 een ongewoon voorval plaatsgevonden. Hierbij heeft een werknemer Stat-X aerosol open geslepen met een slijptol. Als gevolg van warmteontwikkeling en vonkvorming is de aerosol geactiveerd. Gevolg is dat de deeltjes in de hal en naar buiten hebben verspreid en dat het volledige pand is ontruimt.

**Overtreding**
Tijdens de controle is gebleken dat u geen omgevingsvergunning heeft voor het inzamelen en het ontmantelen van aerosolen. Het is daarmee niet toegestaan om deze afvalstoffen op de locatie in te zamelen en te bewerken.
(artikel 5.1, tweede lid onder de Omgevingswet)

**Wat moet u doen?**
U moet per direct stoppen met het accepteren van bovengenoemde afvalstoffen (aerosolen) en daarmee dus ook het bewerken en demonteren van deze afvalstoffen.

Separaat van dit voorval krijgt u nog een vervolgbrief. Deze brief ziet toe op meerdere overtredingen en daarmee zal dus bestuursrechtelijk worden opgetreden. Als blijkt dat u deze activiteit, het ontvangen en demonteren van aerosolen, niet staakt dan zullen we ook strafrechtelijk gaan optreden.

**Meer informatie**
Op de website www.wetten.nl vindt u meer informatie over de in deze brief vermelde wetgeving.

**Vragen**
Heeft u vragen dan kunt u contact opnemen met [redacted] via telefoonnummer: 06 – [redacted] of e-mail: [redacted]@ofgv.nl.

Hoogachtend,

Gedeputeerde Staten van Flevoland,
Namens deze,

[redacted]

[redacted]
Teamleider Omgevingsdienst Flevoland & Gooi en Vechtstreek

Afschrift(en):

-Burgemeester van Lelystad
-Inspectie Leefomgeving en Transport
-Waterschap Zuiderzeeland

Invulformulier
**MELDING ONGEWOON VOORVAL**
(Afdeling 2.7 Bal/Artikel 22.49 Omgevingsplan)

OMGEVINGSDIENST
FLEVOLAND & GOOI EN VECHTSTREEK

## GEGEVENS MELDER

| | |
|---|---|
| Functie | eigenaar |
| Bedrijfsnaam | E.L.S. bv |
| Voorletters | [redacted] |
| Tussenvoegsel | |
| Achternaam | |
| Adres | Staalstraat |
| Huisnummer | 19 |
| Woonplaats | lelystad |
| Postcode | 8211 AH |
| Telefoonnummer 1e | 0320 240143 |
| Telefoonnummer 2e (optioneel) | Klik of tik om tekst in te voeren. |
| E-mail adres | [redacted]@schroothandel-els.nl |
| Website (optioneel) | Klik of tik om tekst in te voeren. |

## ONGEWOON VOORVAL

| | |
|---|---|
| Datum voorval | 21-5-2025 |
| Tijdstip voorval | 11.56 |
| Locatie ongewoon voorval | Staalstraat 19 |
| Aard van het voorval | schuim |
| Zijn er slachtoffers gevallen | ☐ Ja / ☒ Nee |

## Beschrijving van het voorval

**Werknemer heeft een earosol open geslepen.Deze ging toen af waardoor de hal in een grote wolk gezet word. Er zijn geen ongelukken gebeurt en het materiaal is binnen gebleven op de mistwolk na. We hebben de werknemer nogmaals verteld dat dit niet op deze manier gedemonteerd mag worden en zullen dit vast leggen in een werk instructie nieuwe medewerkers.**
**Heb dit voorval gelijk telefonisch met [redacted] gemeld.**

## Oorzaak van het voorval

Klik of tik om tekst in te voeren.

## Zijn er milieuschadelijke stoffen vrijgekomen tijdens het voorval? / Is er milieuschade- of hinder ontstaan door het voorval?

☒ **Nee** / ☐ **Ja, namelijk:**

***Indien er milieuschadelijke stoffen zijn vrijgekomen ook de eigenschappen van deze stoffen vermelden.***

Nee geen van beide

## Was/is/wordt het voorval merkbaar buiten de begrenzing van de milieubelastende activiteit?

☒ **Nee** / ☐ **Ja, namelijk:**

Alleen de buurman maakt foto's is onze huis fotograaf

## GETROFFEN MAATREGELEN

### Zijn er maatregelen getroffen om de oorzaak van het voorval weg te nemen?

☐ **Nee** / ☒ **Ja, namelijk:**

**We hebben de werknemer nogmaals verteld dat dit niet op deze manier gedemonteerd mag worden en zullen dit vast leggen in een werk instructie nieuwe medewerkers.**

### Worden er maatregelen getroffen om een volgend soortgelijk voorval te voorkomen?

☐ **Nee** / ☒ **Ja, namelijk:**

Zie vorige vraag

### Is het ongewoon voorval gemeld aan andere instanties of hulpdiensten?

☒ **Nee** / ☐ **Ja, namelijk:**

Klik of tik om tekst in te voeren.

# BIJLAGEN / AANVULLENDE OPMERKINGEN

## Heeft u nog eventuele aanvullende opmerkingen?

**☒ Nee / ☐ Ja, namelijk:**

Ofgv [redacted] [redacted] gebeld weet er van.

*Zowel dit formulier als eventuele extra bijlagen en/of foto's mogen verstuurd worden naar: info@ofgv.nl. Voor eventuele vragen kunt u bellen naar: 088 6333 000.*