

**Stat-X Condensed Aerosol Generators - Electric and Thermal
Models 15 to 2500**

Date of Issue: 30-04-2026
Date of Revision: 30-04-2026

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Stat-X Condensed Aerosol Generators - Electric and Thermal Models 15 to 2500
(Contains: Phenol-formaldehyde resin)
This product is an article, this SDS applies to the mixture/pellets.

Unique Formula Identifier (UFI): E2RQ-NCKC-5KKW-AVYG

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

Identified Use(s) Fire Protection
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification Fireaway Inc.
Address of Manufacturer 5852 Baker Road
Minnetonka
USA

Postal code MN 55345
Telephone: +1 (952) 847-4661
Fax Not available.
E-mail Technical@statx.com
Office hours 09:00 - 17:00 (GMT -6 hours).

UK Only Representative Contact

Company Identification Blue Frog Scientific Limited
Address of Supplier Quantum House, 91 George Street, Edinburgh,
Postal code EH2 3ES
Telephone: +44 (0) 131 523 1412
Fax Not available
E-mail info@bluefrogscientific.com
Office hours 09:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No. +44 (0) 207 858 0111
Contact OHES Environmental
24 hr. emergency telephone number, available in EU languages.

National response centre

Address NHS Direct
Emergency Phone No. +44 111

SECTION 2: HAZARDS IDENTIFICATION

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2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Ox. Sol. 3 :May intensify fire; oxidiser.
Skin Sens. 1 :May cause an allergic skin reaction.
Eye Irrit. 2 :Causes serious eye irritation.
EUH451: Can cause very long-lasting and diffuse contamination of water resources
Very persistent and very mobile (vPvM)

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Stat-X Condensed Aerosol Generators - Electric and Thermal Models 15 to 2500
(Contains: Phenol-formaldehyde resin)

Hazard Pictogram(s)



GHS03



GHS07

Signal Word(s)

Danger

Hazard Statement(s)

H272: May intensify fire; oxidiser.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
EUH451: Can cause very long-lasting and diffuse contamination of water resources

Precautionary Statement(s)

P220: Keep/Store away from clothing//combustible materials.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents in accordance with local, state or national legislation.

Unique Formula Identifier (UFI):

E2RQ-NCKC-5KKW-AVYG

2.3 Other hazards

This mixture contains components considered to be very persistent and very mobile (vPvM) at levels of 0.1% or higher.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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Not applicable.

3.2 Mixtures

Homogeneous mixture of the components listed below.

The components are pressed into a solid, aerosol-forming pellet.

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Potassium nitrate	7757-79-1	231-818-8 01-2119488224-35-XXXX	70-80	Ox. Sol. 3 H272	GHS03
Cyanoguanidine	461-58-5	207-312-8 01-2119474914-28-XXXX	10-20	vPvM EUH451	None
Phenol-formaldehyde resin	9003-35-4	500-005-2	5-10	Skin Sens. 1 H317 Eye Irrit. 2 H319	GHS07

EUH451: Can cause very long-lasting and diffuse contamination of water resources

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Treat symptomatically.

Skin Contact

Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

Eye Contact

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

Ingestion

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation. Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media

When Stat-X is ignited, a fire extinguishing aerosol is created.

Unsuitable extinguishing media

None.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

Collect contaminated fire extinguishing water separately.

Do not allow to enter into surface water or drains.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.
Avoid dust generation. Do not breathe dust.
Wear appropriate personal protective equipment, avoid direct contact.

6.2 Environmental precautions

Avoid entry into soil, natural waters; cover drains to prevent entry into the sewage system.

This material and its container must be disposed of in a safe way.

6.3 Methods and material for containment and cleaning up

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

No smoking. Keep/Store away from clothing//combustible materials. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Do not expose to temperatures > 65° C for extended periods.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

Fire Protection

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Provide adequate ventilation, including appropriate local extraction. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN ISO 16321-1).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

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Respiratory protection

Where engineering controls are not fitted or inadequate wear suitable respiratory protective equipment. A suitable dust mask or dust respirator with filter type P (EN143 or EN405) may be appropriate.

8.2.3. Environmental Exposure Controls

Avoid release to the environment.
Fulfil commitments under Community environmental protection legislation.
This mixture contains components considered to be very persistent and very mobile (vPvM) at levels of 0.1% or higher.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid.
Colour	White - beige
Odour	Odourless
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not applicable.
Flash Point	Not applicable.
Auto-ignition temperature	Solid : 300 ° C
Decomposition Temperature	Not known.
pH	Not known.
Kinematic Viscosity	Not applicable.
Solubility	Solubility (Water) : Low solubility expected Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not applicable.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not applicable.
Particle characteristics	Not known.

9.2 Other information

Oxidising properties	Oxidising
Avoid temperatures	> 65° C
Explosive properties:	The product is not explosive.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Oxidising

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

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No hazardous reactions when handled and stored according to provisions.

10.4 Conditions to avoid

Temperatures > 65 ° C.

10.5 Incompatible materials

Keep away from clothing and other combustible material.

10.6 Hazardous decomposition products

Not anticipated.

SECTION 11: TOXICOLOGICAL INFORMATION

This product has not been tested.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified. Calculated acute toxicity estimate (ATE) (Mixture) ATE (oral) >2000 mg/kg , ATE (Dermal) >2000mg/kg , ATE (Inhalable vapour) >20mg/l , ATE (Inhalable Dust) >5mg/l
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Self classification: Causes serious eye irritation.
Skin sensitization data	Self classification: May cause an allergic skin reaction.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

This product has not been tested.

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

very Persistent.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

very Mobile.

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12.5 Results of PBT and vPvB assessment

This mixture is classified as vPvM and can cause very long-lasting and diffuse contamination of water resources.

This product is very persistent and very mobile (vPvM).

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow to enter into surface water or drains.

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Normal disposal is via incineration operated by an accredited disposal contractor.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

UN No. 3268

14.2 UN proper shipping name

UN proper shipping name SAFETY DEVICES

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 9

ADR Classification Code M5

Special Provisions 280 289

Limited Quantities 0

Excepted Quantities E0

Emergency Action Code 2Z

Packing Instructions for Packages P902 LP902

Special Packing Provisions for Packages

Mixed Packing Instructions for Packages

Instructions for Portable Tanks Not permitted.

Special Provisions for Portable Tanks Not permitted.

Tank Code for Tanks Not permitted.

Special Provisions for Tanks Not permitted.

Vehicle for Tank Carriage Not permitted.

ADR Transport Category 4

Tunnel Restriction Code E

Special Provisions for Carriage - Packages

Special Provisions for Carriage - Bulk

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Special Provisions for Carriage - Loading,
Unloading and Handling
Special Provisions for Carriage - Operation

ADR HIN

IMDG

IMDG Class	9
Special Provisions	280 289
Limited Quantities	0
Excepted Quantities	E0
Mixed Packing Instructions for Packages	P902 LP902
Special Packing Provisions for Packages	

Instructions for Portable Tanks

Special Provisions for Portable Tanks

IMDG EMS	F-B, S-X
Stowage and Handling	Category A
Segregation	

Marine Pollutant

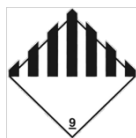
ICAO/IATA

ICAO/IATA Class	9
Excepted Quantities	E0
Passenger and Cargo Aircraft Limited	Forbidden for transport by air.
Quantities Packing Instructions	
Passenger and Cargo Aircraft Limited	Forbidden for transport by air.
Quantities Max net Qty	
Passenger and Cargo Aircraft Packing	961
Instructions	
Passenger and Cargo Aircraft Max net Qty	25Kg
Cargo Aircraft Packing Instructions	961
Cargo Aircraft Max net Qty	100Kg
Special Provisions	A32, A115, A119
Emergency Response Guidebook (ERG)	9L

Code

Labels

Labels 9



14.4 Packing group

Packing group Not applicable.

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Maritime transport in bulk according to IMO instruments

No information available

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SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Not listed

Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed
subject to authorisation

REACH: Annex XVII Restrictions on the Phenol-formaldehyde resin (9003-35-4)
manufacture, placing on the market and
use of certain dangerous substances,
mixtures and articles

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council on
persistent organic pollutants

Regulation (EC) N° 2024/590 on Not listed
substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council
concerning the export and import of
hazardous chemicals

Seveso Directive

Code P8: Lower Tier Quantity 50 - Upper Tier Quantity 200

Drinking Water Directive

Contains substances listed in the EU Drinking Water Directive.

National regulations

Other

Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

1-16

LEGEND

Hazard Pictogram(s)



GHS03



GHS07

Hazard classification

vPvM : Very persistent and very mobile

Ox. Sol. 3 : Oxidising solid, Category 3

Skin Sens. 1 : Skin sensitization, Category 1

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Hazard Statement(s)

H272: May intensify fire; oxidiser.

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H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
EUH451: Can cause very long-lasting and diffuse contamination of water resources

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220: Keep/Store away from clothing//combustible materials.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see Medical Advice on this label).
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations
vPvB : very Persistent and very Bioaccumulative



SAFETY DATA SHEET

Aerosol Fire Suppression

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DWD : Drinking Water Directive

Key literature references and sources for
data used to compile the SDS

Regulation (EC) No. 1272/2008 (CLP)

Training Advice

Regular safety training as appropriate

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Fireaway Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Fireaway Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.