



MATERIAL SAFETY DATA SHEET

MSDS# 005
DATE: 09/10

For information only, call 1-952-935-9745. For emergencies, call CHEMTREC:
 DOMESTIC NORTH AMERICA 800-424-9300 INTERNATIONAL 703-527-3887 (COLLECT).

1. PRODUCT

Stat-X Condensed Aerosol Generators - Models 30 thru 2500.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components – Chemical (Hazardous Components ≥ 1%)	CAS#	COMMENTS:
Potassium Nitrate	7757-79-1	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.
DCDA	461-58-5	
Organic Resin	9003-35-4	
Appearance & Odor:		Beige to white in color. No odor.
Auto-Ignition Temperature:		300°C
Solubility in Water:		Slightly Soluble

3. HAZARD IDENTIFICATION

Possible exposure to aerosol suppression agent if generator is activated. May cause temporary, mild irritation of mucous membrane if inhaled.

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.	

5. FIRE FIGHTING 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.

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.

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.

8. EXPOSURE CONTROL/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
HMIS: Stat-X agent 0-0-0	Hot discharge

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Stainless Steel Cylinder up to 270 mm in length
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10. STABILITY AND REACTIVITY

These devices are extremely stable below 125°C. They should be protected from fire, sources of electrical power, shock, and high temperatures.

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/m³ concentration in a hermetically sealed volume.

Gas	15 Minute TWA, ppm	Particulates
NO ₂	1.08	K ₂ CO ₃ and other non-hazardous potassium compounds
NO	0.97	
CO	84.20	

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN Number: 3178	Shipping Limitations:	
UN Classification: 4.1 Flammable solid, inorganic, n.o.s. (fire suppressant containing potassium nitrate)	Cargo Air	Max single packaging – 100 kgs.
Packaging Group: III	Passenger Air	Max single packaging – 25 kgs.
Division 4.1 articles present no significant hazard as packaged for transport.		

15. REGULATORY INFORMATION

S15	Keep away from heat
S33	Take precautionary measures against risk of static discharge
S35	This material and its container must be disposed of in a safe way
S38	In case of insufficient ventilation wear suitable respiratory equipment
S39	Wear eye/face protection

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 LLC, 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 LLC for further information.