

MSDS

MATERIAL SAFETY DATA SHEET

Client : **Dongguan Feng An an defense technology Co., LTD**
Room 605, No. 17, Panlong Road, Liaobu Town, Dongguan City, Guangdong Province

Prepared by : **Shenzhen Huaxiang Testing Co , Ltd**
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Approved(Manager) Amy Jiang *Amy Jiang*

SECTION 1. CHEMICAL PRODUCT INFORMATION**Product details:**

Product name : Heat aerosol fire extinguishing device
QRR0.05G/S-FA, QRR0.01G/S-FA, QRR0.012G/S-FA,
QRR0.02G/S-FA, QRR0.03G/S-FA, QRR0.04G/S-FA,
QRR0.06G/S-FA, QRR0.075G/S-FA, QRR0.09G/S-FA,
Model : QRR0.1G/S-FA, QRR0.105G/S-FA, QRR0.12G/S-FA,
QRR0.135G/S-FA, QRR0.15G/S-FA, QRR0.2G/S-FA,
QRR0.3G/S-FA, QRR0.4G/S-FA, QRR0.5G/S-FA, QRR1G/S-FA,
QRR2G/S-FA, QRR3G/S-FA, QRR0.25G/S-FA, QRR1.5G/S-FA
Mark : /
TEL : /
Fax : /
E-mail : /

Supplier/Manufacturer

Applicant : Guangdong Fengan fire technology Co., LTD
Address : Room 101, No.8 Panlong Street, Fuzhushan, Liaobu Town, Dongguan
City, Guangdong Province

Summary:

As specified by the client, This safety data sheet was prepared in accordance with Un GHS Rev.7, The COMMISSION REGULATION (EU) 2020/878, and US OSH Hazard Communication Standards(29 CFR 1910.1200). Please refer to attached report for details.

SECTION 2.HAZARDS IDENTIFICATION

Preparation hazards and classification	Not dangerous with normal use
Potential Acute Health Effects:	No known significant effects or critical hazards
Potential Chronic Health Effects:	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.
Reported as carcinogen	Not applicable

SECTION 3. COMPOSITION /HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Content (wt%)
Strontium nitrate	10042-76-9	10
2,4,6 - Triamino - 1,3,5 - triazine	108-78-1	30
Dicyandiamide	461-58-5	20
Phenol - formaldehyde resin	25085-50-1	35
Magnesium Carbonate	546-93-0	5

SECTION 4. FIRST AID MEASURES

Description of necessary first-aid measures General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms/effects, acute and delayed	No data available
Indication of immediate medical attention and special treatment needed, if necessary	No data available

SECTION 5. FIGHTING MEASURES

Suitable extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards arising from the chemical	No data available
Special protective actions for fire-fighters	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7. HANDING AND STORAGE

Precautions for safe handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2
Conditions for safe storage, including any incompatibilities:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters Occupational Exposure limit values:	No data available
Biological limit values:	No data available
Appropriate engineering controls:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Individual protection measures, such as personal protective equipment (PPE) Eye/face protection:	Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection:	Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it
Respiratory protection:	Wear dust mask when handling large quantities.
Thermal hazards:	No data available

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	Yellow
Odor:	Pungent
Boiling Point:	Not available.
Melting Point:	Not available.
Flashpoint:	Not available.
Vapour pressure:	Not available.
Solubility in water:	3-7
Partition coefficient (n-octanol / water):	Not available.
Viscosity:	Not available.
PH Value:	Not available.
Solubility:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products:	No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Serious eye damage/irritation:	No data available
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available
Aspiration hazard	No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity to fish	No data available
BOD5 and COD:	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to algae	No data available
Toxicity to microorganisms	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
Product:	
Contaminated packaging	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14. TRANSPORT INFORMATION

This product applied to by sea, by air and by land

DOT Classification:	Not applicable.
IATA :	Not regulated as dangerous goods base on 66th DGR Manual of IATA (2025 Edition)
UN-Unmber	Not applicable.
UN Proper shipping name	Not applicable.
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.

SECTION 15. REGULATORY INFORMATION

Law Information

《Dangerous Goods Regulation》
 《Recommendations on the Transport of Dangerous Goods Model Regulations》
 《International Maritime Dangerous Goods 》
 《Technical Instructions for the Safe Transport of Dangerous Goods》
 《Classification and code of dangerous goods》
 《Occupational Safety and Health Act》 (OSHA)
 《Toxic Substances Control Act》 (TSCA)
 《Consumer Product Safety Act》 (CPSA)
 《Federal Environmental Pollution Control Act》 (FEPCA)
 《The Oil Pollution Act》 (OPA)
 《Superfund Amendments and Reauthorization Act Title III (302/311/312/313) 》 (SARA)
 《Resource Conservation and Recovery Act》 (RCRA)
 《Safety Drinking Water Act》 (CWA)
 《California Proposition 65 》
 《Code of Federal Regulations 》 (CFR)
 In accordance with all Federal, State and Local laws.

SECTION 16. OTHER INFORMATION

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

***** THE END *****