



Fireworks Application

Attached you will find an application for a Fireworks Discharge Permit. This application must be completed and returned to Central Permitting prior to issuance of the permit. **Please allow thirty (30) calendar days for processing and Board of Commissioner approval.** There is a \$100.00 permit fee assessed per discharge event. Permit fees shall be paid prior to issuance of permits. If you have any questions, please feel free to contact us.

Reviewed For Code Compliance By:

D. Banks Wallace

Chief Deputy Fire Marshal

06/03/2020 8:26:13 AM

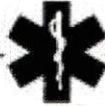
Items required for permit issuance:

- All blanks must be completed on the application.
- Permit holder is required to obtain liability insurance in an amount sufficient to cover the claims of any person(s) who may be injured or otherwise damaged as a result of the display. The insurance must name the County of Harnett as an additional insured with a minimum amount of one million dollars (\$1,000,000). A copy of the Certificate of Insurance evidencing the coverage must accompany the application.
- A detailed site plan indicating the discharge and storage locations as well as distance.
- Manufacturer's technical data sheet of each type of pyrotechnic to be discharged.

Application Index

- Section I: Information on the person, group, corporation, association, or entity sponsoring, holding, or primarily responsible for the event
- Section II: Information on the pyrotechnician
- Section III: Information on the actual display
- Section IV: Public safety information. (Name of fire district where the discharge will take place, address of the nearest fire station, and name and address of the nearest medical facility)
- Section V: Notarization of the application. (**APPLICATION SIGNATURES MUST BE NOTARIZED**)
- Section VI: Fire Department Comments. (Must be completed by the chief of the local fire department representing the district where the discharge will take place)
- Section VII: For Harnett County Fire Marshal use only
- Section VIII: Fireworks Permit Number.

THE COMPLETED FIREWORKS PERMIT MUST BE ON SITE DURING THE DISCHARGE OF PYROTECHNICS



I.

APPLICANT INFORMATION:

Note: The applicant is the person, group, corporation, association, or other entity sponsoring, holding or primarily responsible for the event or enterprise for which this permit is requested.

Please type or print

Applicant:

EAST COAST PYROTECHNICS

Billing Address:

P.O. Box 209

CATAWBA ^{SC} ~~NC~~ 29704

Contact Person:

DAN DENNING

Contact Email:

DANW.DENNING@EARTHLINK.NET

Contact Phone:

(910)-890-0651 () - -

President or CEO (for corporate applications): _____

Is the applicant insured with respect to the discharge of fireworks/pyrotechnics: Yes No

If covered, specify the source, amount, and coverage period of the insurance:

Source: CEET ATTACHED Amount: \$ _____

Coverage Period: _____



II.

PYROTECHNICIAN INFORMATION:

Note: This is to be completed by the individual who will shoot and/or discharge the fireworks or pyrotechnics.

Technician Name: CHRIS PRINCE

Billing Address: _____
_____, NC _____

Contact Email: CHRIS@STATECONTRACTING.NET

Contact Phone: (919) 227-9417 () - -

Bureau of Alcohol, Tobacco and Firearms permit/license type and number: 1-SC-00223

Pyrotechnicians' training and experience:
20 PLUS YEARS
NC LIC # 1927

Is the technician insured with respect to the discharge of fireworks/pyrotechnics: Yes No _____

If covered, specify the source, amount, and coverage period of the insurance:
Source: CERT ATTACHED Amount: \$ _____

Coverage Period: _____



III.

DISPLAY INFORMATION:

Who provided this information: Applicant: Technician: _____ Both: _____

Type of display event: Carnival: _____ Exhibition: _____ Fair: _____

Public Celebration: Other: _____

Proposed date and time of the event: July 5, 2020 9:15 a.m. p.m.

Proposed location or site: ANDERSON CREEK GOLF CLUB, DRIVING RANGE

Alternate date and time of the event: July 6, 2020 9:15 a.m. p.m.

(Above Alternate date and time will only be used if the event is cancelled due to inclement weather in lieu of secondary date approval and processing)

Type and quantity of fireworks/pyrotechnics to be used and the sequence of the discharge/shooting:

3", 4", 5" SHELLS
Box ITEMS

125 WHISPERING PINES DR.
SPRINGLAKE, NC 28390

Estimated duration of the display: 20 MINUTES

Specify any safety precautions to be taken:

SPONSOR WILL PROVIDE CROWD CONTROL
OF SPECTATOR AREA AT CLUBHOUSE -



IV.

PUBLIC SAFETY INFORMATION:

The display will occur within the following fire district: ANDERSON CREEK

Location of the nearest fire station: 3.5 MILES

Nearest medical facility:

Name: CENTRAL HARNETT Location: LILLINGTON



V.

Applicant Printed Name: DAN DENNING

Applicant Signature: Dan Denning

Date: 05/21/2020

STATE OF NORTH CAROLINA

COUNTY OF Harnett

I, Cynthia H Clark, a Notary Public of the County and State aforesaid, do hereby certify that Dan Denning signed and sworn to before me this day.

Witness my hand and official stamp, this the 21st day of May, 2020.



Cynthia H Clark

Notary Public

My Commission Expires: 04.21.2024

[SEAL]



VI.
FOR OFFICE USE ONLY:

Fire Chief's Office Comments:

Fire Marshal's Office Comments:

Fire Marshal's Office Recommendation:

Approve:

Deny:

Fire Marshal's Office Signature: _____ Date: _____

Board of Commissioner's Comments:

Final Board Approval:

Approved:

Denied:

Board of Commissioner's Signature: _____ Date: _____

Board of Commissioner's Representative (Printed Name): _____

VII.

Fireworks Permit Number: _____

Anderson Creek POA
125 Whispering Pines Drive
Spring Lake, NC 28390

Anderson Creek Club

Maximum Caliber: 5-Inch

Anderson Creek Club
125 Whispering Pines Dr.
Spring Lake, NC 28390

Legend

- Anderson Creek Club
- Anderson Creek Golf Club



Google Earth

© 2020 Google

900 ft

May 21, 2020

To Whom it May Concern,

Re: Manufacturer's TDS for Pyrotechnics

AS requested by the permit application this information was provided in detail by digital format to Banks Wallace with the Harnett County Fire Marshal's office. The PDFs were sent for the following manufacturers;

Glorious

Sunny

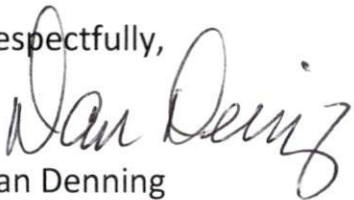
Yung Feng

Melrose

Vulcan

This list will cover any product used in shows in Harnett County by East Coast Pyrotechnics during 2020.

Respectfully,



Dan Denning

East Coast Pyrotechnics



DEPARTMENT OF JUSTICE

Bureau of Alcohol, Tobacco,
Firearms and Explosives

Martinsburg, WV 25405

May 6, 2020

East Coast Pyrotechnics Inc.
P.O. Box 209
Catawba, SC 29704

901090:CRR/SCC
5400
File Number: 1-SC-00223

Premises Address: 4652 Catawba River Road, Catawba, SC 29704

Dear Sir/Madam:

This letter acknowledges receipt of your timely application to renew your Federal explosives license/permit 1SC00223.

The Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) is not able to process your application prior to the expiration date of your license/permit. However, Federal law allows you to continue operations under your current license/permit until such time as ATF completes processing your application. See 5 U.S.C. § 558. This letter, or as explained below, a follow-up letter, will serve as your license/permit until we complete action on your renewal. It is referred to as a Letter of Authorization (LOA).

Since we have not completed processing your application, you may supply a copy of this letter to other licensees/permittees, e.g., your distributors, for the next six months (or until we complete action on your renewal, if that occurs in less than six months) as evidence of your licensed/permitted status. If we have not completed processing your application for renewal within six months of the date of this letter, we will send you another letter, which will also be valid for six months (or until we complete action on your renewal, if that occurs in less than six months). This is of course contingent upon your remaining entitled to continue operations under your current license/permit.

Please direct questions or concerns regarding this letter to Sandy Curtis at 304-616-4406.

Sincerely,

Christopher R. Reeves

Christopher R. Reeves
Chief, Federal Explosives Licensing Center

ATF web address: www.atf.gov



Fire Marshal Division

June 3, 2019

Dan Denning
East Coast Pyrotechnics
P.O. Box 209
Catawba, SC 29704

**Re: Anderson Creek POA
125 Whispering Pines Drive
Spring Lake, NC 28390**

Application Number FMFW2006-0001

To Whom It May Concern,

The application for the outdoor public display of fireworks has been reviewed and approved as submitted. The public display **shall be in accordance with the NC Fire Prevention Code and NFPA 1123.**

Prior to the issuing permits for fireworks display, a compliance inspection of the display site and demonstration of the display operation shall be approved. The compliance inspection will be conducted before the time of the show.

- **Fire Protection for Fireworks**
 - Portable fire extinguisher shall be placed at the discharge area and standby fire apparatus shall be placed down range for fall out.
 - Contact shall be made with the local Fire Department to establish terms for standing by with apparatus and personnel.
 - Confirmation with the local fire department shall be returned to this office.
 - The shoot time has been established for July 5th, 2020 at 9:15 pm. If changes are made contact needs to be made to this office by phone at 910-893-0742 (D. B. Wallace).
 - Fireworks must never be left unattended.

- **Distance**
 - At least 70 feet for diameter inch of shell must be provided between the shoot site and the public (4" largest mortar = 280 feet)

- **Permits**
 - Final inspection will be conducted that day of the event and the permit will be issued.



- **Setup**
 - You may contact our office for a representative to meet on site during setup or for any additional questions that may arise. (910) 893-7580.
- During the firing of the display, all personnel in the discharge site shall wear the following:
 - Head protection
 - Eye protection
 - Hearing protection
 - Foot protection
 - Cotton, wool, or similarly flame-resistant, long-sleeved, long-legged clothing
- The sponsor shall consult with the AHJ and the operator to determine the level of fire protection required.
- The following shall apply to crowd control:
 - Monitors whose sole duty is the enforcement of crowd control shall be located around the display site and at other locations as determined by the sponsor.
 - The AHJ and the operator shall approve the provisions for crowd control.
- **Fireworks Display Supervision.** Whenever in the opinion of the fire code official or the operator a hazardous condition exists, the fireworks display shall be discontinued immediately until such time as the dangerous situation is corrected.

Thank you again for submitting the plans for the fireworks display. Please review the plans and adhere to any notes and alterations that were made in addition to the original drawings. These remarks are for the plans that were submitted and its original intent. These remarks do not apply if the original intent changes or what was submitted on the above date changes. If you have any questions, please do not hesitate to call this office

Sincerely,



D. Banks Wallace
Chief Deputy Fire Marshal

MATERIAL DATA SAFETY SHEET 1.4G Articles, Igniters UN 0325
OSHA HAZARD COMMUNICATION STANDARD
29 CFR 1910.1200

SECTION I: IDENTITY

ITEM: Electric Match/ Igniter with Shroud
(Igniters for Fireworks or Pyrotechnics devices.)
MANUFACTURERS' NAME: Glorious Company
TELEPHONE NUMBER: +852 2545 3476
ADDRESS: 22nd Floor Winbase Centre, 208 Queen's Road Center,
Central, Hong Kong.

DATE PREPARED: 10/11/2004
SUPPLIER'S NAME: Aerial Dynamics
TELEPHONE NUMBER: 800-771-7976
ADDRESS: P.O. Box 304, Kingsbury, IN 46345
EMERGENCY RESPONSE INFORMATION DURING TRANSPORTATION:
Please Call 800-255-3924 (24 Hours)

SECTION II: HAZARDOUS INGREDIENTS:

Chemical:	Antimony Sulfide Sb ₂ S ₃	30%
	Charcoal	10%
	Polyvinyl Acetyl	10%
	Potassium Chlorate KClO ₃	30%
	Potassium Perchlorate KClO ₄	15%
	Alkyd Resin Coating	5%

Devices contain explosive and pyrotechnic composition, and are classified as: Articles Igniters 1.4G, UN0325 by the U.S. Department of Transportation. No chemical components are release during normal handling and storage. Materials contain pyrotechnics composition that will burn if ignited. Composition contain oxidizers and fuels.

SECTION III: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Skin Contact (NO)
Skin Absorption (NO)
Eye Contact (YES)
Inhalation (YES)
Ingestion (NO)

APPEARANCE AND ODOR: All chemical composition is contained in a hard plastic casting.

EMERGENCY OVERVIEW: Expose to finished item does not pose any health hazard. No chemical components are release during normal handling of this igniters 1.4G. Small amount of smoke may generated during use of these devices, may cause irritation of eyes or mucous membranes. Prolonged inhalation of smoke should be avoid.

POTENTIAL HEALTH EFFECT: Extreme prolonged exposure to smoke generated during use of these device may cause shortness of breath or irritation to eyes and mucous membranes.

SECTION IV: FIRST AID MEASURES

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with preexisting respiratory conditions (i.e., asthma, emphysema etc..) should avoid inhalation of this smoke long time.
EMERGENCY FIRST AID PROCEDURES: Move to fresh air and avoid further expose to this smoke.

SECTION V: FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: N/A

MEANS OF EXTINCTION: Flood with water if small amount of material is involved

FLASHPOINT: N/A

UPPER FLAMMABLE LIMIT: N/A

LOWER FLAMMABLE LIMIT: N/A

AUTO IGNITION TEMPERATURE:

No reaction under heat stability 75° C at 48 hrs.

No reaction under Thermal/ Humidity 40° C at

95% in 24 hrs.

EXPLOSION DATA: Sensitivity to impact, Static Discharge and high radio frequency

HAZARDOUS COMBUSTION PRODUCTS: YES

SECTION VI: ACCIDENTAL RELEASE MEASURE

LEAK AND SPILL PROCEDURES: Sweep up with natural bristle broom and contain in fiber drum marked "Live Waste". Absolutely no smoking, open flames or sparking metal tools in vicinity of spilled materials.

SECTION VII: HANDLING AND STORAGE

PRECAUTION OF HANDLING: Keep materials cool and dry. Avoid impact with shipping carton.

Absolutely no smoking in vicinity of any pyrotechnics devices:-1.4G

PRECAUTION OF STORAGE: For extended storage secures in dry lockable building away from human habitation.

OTHER PRECAUTION: Observe all safety procedures as established by supplier.

SECTION VIII: EXPOSURE CONTROL/ PERSONAL PROTECTION

ACGIH TLV: N/A

OSHA PEL: N/A

OTHER (SPECIFY): Avoid impact, naked fire, radio frequency, must handler with care and this devices are design of professional use only.

PERSONAL PROTECTIVE EQUIPMENT (SPECIFIC):

RESPIRATORY PROTECTION: OSHA Approved Dust Mask

VENTILATION: Open area

PROTECTIVE GLOVES: Follow all safety guidelines as established by the operating display company.

EYE PROTECTION: Follow all safety guidelines as established by the operating display company.

WORK/ HYGIENIC PRACTICES: Follow all safety guidelines as established by the operating display company and manufacturer of devices.

OTHERS: Full cover cotton work clothing and other safety gear as prescribed by operating display company.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Very stable

ODOR AND APPEARANCE: Each devices composition is contain and protected in hard plastic

casing.

BOILING POINT: N/A

VAPOR PRESSURE: 0.0%

VAPOR DENSITY: 0.0%

SOLUBILITY IN WATER: No

SOLUBILITY IN ALCOHOL or ACETONE: Yes

SPECIFIC GRAVITY: N/A

MELTING POINT: N/A

EVAPORATION RATE: N/A

SECTION X: STABILITY AND REACTIVITY

CHEMICAL STATE: Very stable.

INCOMPATIBILITIES: No open flames, smoking, moisture, radio receiving and transmitting devices or sparking metal tools in vicinity of stored materials. Avoid friction or impact during installation or re-moving of devices.

HAZARDOUS DECOMPOSITION PRODUCTS: Small amount of smoke may generated during use of this device. This smoke may contain little amounts of carbon monoxide, hydrogen sulfide, and nitrogen oxides.

SECTION XI: TOXICOLOGICAL INFORMATION:

EFFECT OF ACUTE EXPOSURE: Expose to finished items does not pose any health hazard. No chemical components are released during normal handling. Device may only generate small amount of smoke that contain gases which may cause irritation to the eyes and mucous membranes.

EFFECT OF CHRONIC EXPOSURE: This device is design to use in special effect or close proximity pyrotechnics and fireworks or display articles 1.4G & 1.3G. Device may only generate small amount of smoke that contain gases which may cause irritation to the eyes and mucous membranes if large number of devices is used at the same time. To avoid move to fresh air and open area to prevent further inhalation of the smoke.

IRRITANCY OF PRODUCT: N/A

SKIN SENSITIZATION: No.

RESPIRATORY SENSITIZATION: Persons with preexisting respiratory conditions (e.g., asthma, emphysema, etc.) Should avoid inhalation of smoke.

SECTION XII: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: N/A

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Soak any exposed chemical composition with water. Do not allow to dry. Sweep up with natural fiber brush and dispose by controlled burn.

SECTION XIII: TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION: DOT approval classed in accordance with section 173.56, Title 49, Code of Federal Regulation, (49CFR). Igniters, UN 0325, Electric match with shroud. 1.4G

SECTION XV: REGULATORY INFORMATION

WHIMS CLASSIFICATION: UN 0325 1.4G

SECTION XIV: OTHER INFORMATION

N/A



IDENTITY (As Used on Label and List)
 Common Fireworks (Fireworks 1.3G)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Melrose Pyrotechnics, Inc.	Emergency Telephone Number (800) 255-3924
Address (Number, Street, City, State, and ZIP Code) P.O. Box 302	Telephone Number for Information (219) 393-5522
Kingsbury Industrial Park	Date Prepared 12/16/93
Kingsbury, Indiana 46345	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name (s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Special Fireworks contain explosive and pyrotechnic compositions, and are classified as Fireworks 1.3G by the U.S. Department of Transportation. No chemical components are released during normal handling and storage of shells.				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O) = 1	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Slight			
Appearance and Odor All chemical composition is contained in hard cardboard or plastic casing.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Do not attempt to fight fire in vicinity of Special Fireworks - Evacuate area.			
Special Fire Fighting Procedures Evacuate fire area immediately and seek shelter. Follow established emergency action plan.			
Unusual Fire and Explosion Hazards Special Fireworks may mass explode in a fire situation.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	No open flames, smoking, or moisture in vicinity of stored
	Stable	X		Fireworks. Avoid friction of impact
Incompatibility (Materials to Avoid) Exposure to water may cause items to deteriorate.				
Hazardous Decomposition or Byproducts Smoke generated during use of these devices may contain small amounts of carbon monoxide, hydrogen sulfide and nitrogen oxides. Avoid prolonged inhalation of smoke.				
Hazardous Polymerization	May Occur		Conditions to Avoid	
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes, when shooting	Skin?	No	Ingestion?	No
Health Hazards (Acute and Chronic) No chemical components are released during normal handling of shells. However, ground level smoke generated during shooting of public displays may contain gasses which may cause irritation of eyes or mucus membranes. Prolonged inhalation of smoke should be avoided.						
Carcinogenicity:	NTP?	No	IARC Monographs?	No	CSHA Regulated?	No
Signs and Symptoms of Exposure Prolonged exposure to smoke generated during shooting of shells may cause shortness of breath and irritation of eyes and mucus membranes.						
Medical conditions Generally Aggravated by Exposure Persons with pre-existing respiratory conditions (i.e. asthma, emphysema, etc.) should avoid inhalation of smoke.						
Emergency and First Aid Procedures Move to fresh air and avoid further exposure to smoke.						

Section VII - Precautions for safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	
Cautiously pick up spilled material and place in cardboard carton. Absolutely no smoking, open flames or sparking	
Tools in vicinity of spilled fireworks.	
Waste Disposal Method	
Soak any exposed chemical composition with water, sweep up with a natural fiber brush and dispose of by burning	
In compliance with state and local regulations.	
Precautions to Be Taken in Handling and Storing	
Keep fireworks cool and dry. Avoid impact with shipping cartons. Absolutely no smoking in vicinity of any special fireworks.	
Other Precautions	
None	

Section VIII - Control Measures

Respiratory Protection (Specify Type)				
None required.				
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical (General)	N/A	Other	N/A
Protective Gloves	None Required		Eye Protection	N/A
Other Protective Clothing or Equipment N/A				
Work/Hygienic Practices No smoking in vicinity of fireworks				



SAFETY DATA SHEET

Conforms to OSHA'S Hazard Communication Standard 29 CFR
1910.1200

Section I-Identification

FIREWORKS 1.3G UN0335

Manufacturer Name and Address

Hunan JingTai Fireworks Co. Ltd.
Tang Jia Yuan Village Taiping Bridge Town,
Liuyang, Hunan China

ChemTel 24 Hour

Emergency Response:

Domestic: 1-800-255-3924

International: 01(813) 248-0585

Telephone Number: 86-731-83713079

Data Prepared: January 20, 2015

Section II-Hazard(s) Identification



DANGER: Explosive; fire, blast or projection. Keep away from heat/sparks/open flames/hot surfaces. No Smoking. Contains pyrotechnic composition; a solid mixture of oxidizer and fuel that burns if ignited. These items are classified as Fireworks, 1.3G, UN0335, PGII, Explosives by the U.S. Department of Transportation. No chemical components are released during normal handling and storage of shells. During function, gases and smoke are produced that may contain various oxides, chlorides, and other gaseous and particulate products.

SECTION III-Composition/Information on Ingredients

Exact Percentage (Concentration) of composition has been withheld as a trade secret, and or is used for a group of substantially similar mixtures:

Red Star: Potassium Perchlorate, Magnalium, Resinox, Strontium Carbonate, Shellac, Chlorinated Rubber.

Green Star: Potassium Perchlorate, Barium Nitrate, Magnalium, Resinox, Chlorinated Rubber.

Blue Star: Potassium Perchlorate, Sulfur, Copper Oxide

Orange Star: Potassium Perchlorate, Barium Nitrate, Resinox, Strontium Carbonate, Copper Oxide, Polyvinyl Chloride, Shellac, Bismuth Oxide.

Silver Star: Potassium Nitrate, Barium Nitrate, Sulfur, Magnalium, Resinox.

Purple Star: Potassium Perchlorate, Magnalium, Resinox, Strontium Carbonate, Copper Oxide, Shellac, Chlorinated Rubber.

Chrysanthemum: Potassium Nitrate, Sulfur, Carbon, Starch.

Crossette: Potassium Perchlorate, Sulfur, Magnalium.

Salute: Potassium Perchlorate, Sulfur, Magnalium, Titanium.

Boiling Point: N/A

Vapor Pressure (mm Hg.): N/A

Vapor Density (Air=1): N/A

Solubility in Water: Slight

Appearance and Odor: All pyrotechnic composition is contained within hard cardboard or paper casings that may be shaped as cylinders, balls or tubes.

Specific Gravity (H2O=1): N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate=1): N/A

Section IV-First Aid Measures

Call emergency medical care. Use first aid treatment according to the nature of the injury.

Section V-Fire-Fighting Measures

In case of fire, evacuate area. Do NOT fight fire when fire reaches explosives. Explosion risk in case of fire.

Truck fire (other than cargo area): Flood with water. Tire fires may re-start. If possible, unhook and separate tractor from trailer. Remove vehicle that is not involved in fire from fire area if you can do so without risk. If cargo area is exposed to heat and flames, direct water spray on outside of container to cool it down. Continue to spray until well after the fire is out.

Cargo fire Do not move cargo or vehicle if cargo has been exposed to heat. Withdraw from area if and when the fire reaches cargo and let fire burn. Use firefighting team to prevent spread of fire to adjacent structures and materials. Promptly isolate the scene by removing all persons from the vicinity of the incident. First, move people out of line-of-sight of the scene and away from windows. Obtain more information from appropriate authorities listed on the shipping papers.

Self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing will provide some limited protection. Firefighters should retreat if fire approaches cargo area, and use unmanned hose holder to direct water spray on fire.

For additional information, call the shipper using the emergency telephone number listed on the shipping papers; if there is no answer; call American Pyrotechnics Association's 24-hour number (800-255-3924).

Section VI-Accidental Release Measures

Cargo Spill: ELIMINATE all ignition sources. There shall be no flares, smoking, and tools capable of producing sparks, or flames in the vicinity of the spilled material. Cautiously pick up the spilled devices and place them in cardboard cartons. Do not touch or walk through spilled material.

Waste Disposal Method: Soak any exposed chemical composition with water; sweep up with natural fiber brush and dispose of by burning in compliance with local, state, and federal regulations.

Section VII-Handling and Storage

Keep fireworks cool, dry, and well ventilated area. Avoid impact with shipping cartons. Fireworks must be stored and transported in accordance with local, state, and federal regulations. Protect against physical damage and moisture. Fireworks should be isolated from all heat sources, sparks, and open flames. No smoking.

Other Precautions: Fireworks 1.3G UN0335 can cause serious injury or death. They should only be handled by properly trained and qualified personnel. When shooting these fireworks, personnel should wear proper eye protection, head protection and non-synthetic clothing.

Section VIII-Exposure Controls/Personal Protection

Respiratory Protection (Specify Type): None when handling finished item.

Ventilation: N/A

Local Exhaust: N/A

Mechanical (General): N/A

Special: N/A

Other: N/A

Protective Gloves: None required

Eye Protection: When shooting Fireworks 1.3G

Other Protective Clothing and Equipment: Protective head gear and non-synthetic clothing when shooting fireworks 1.3G

Section IX-Physical and Chemical Properties

Boiling Point: N/A

Vapor Pressure (mm Hg.): N/A

Vapor Density (Air=1): N/A

Solubility in Water: Slight

Appearance and Odor: All pyrotechnic composition is contained within hard cardboard or paper casings that may be shaped as cylinders, balls or tubes.

Specific Gravity (H₂O=1): N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate=1): N/A

Flash Point: N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Do not attempt to fight fire in the vicinity of display fireworks – evacuate area. Materials are self-oxidizing.

Special Fire Fighting Procedures: Evacuate fire area immediately and seek shelter. Follow established emergency action plan.

Unusual Fire and Explosion Hazards: Display fireworks may mass explode in a fire situation.

Section X-Stability and Reactivity

Stability: Stable

Conditions To Avoid: Storage at temperatures above 120° F. Open flames, smoking, moisture, friction or impact in the vicinity of stored fireworks.

Incompatibility (Materials to Avoid): Do not allow fireworks to get wet.

Hazardous Decomposition or Byproducts: Smoke generated during use of devices may contain small amounts of carbon monoxide, hydrogen sulfide, and nitrogen oxides. Avoid prolonged inhalation.

Hazardous Polymerization: Will not occur

Section XI-Toxicological Information

Route(s) of Entry: Inhalation? N/A Skin? N/A Ingestion? N/A

Health Hazards (Acute and Chronic): Exposure to finished items does not pose any health hazard. However, ground level smoke generated during shooting of public displays may contain gasses which may cause irritation of eyes or mucous membrane. Prolonged inhalation of smoke should be avoided.

Carcinogenicity: No

NTP? No

ARC Monographs? No

OSHA Regulated? No

Signs and Symptoms of Exposure: Prolonged exposure to smoke generated during shooting of shells may cause shortness of breath and irritation of eyes and mucous membranes.

Medical Conditions Generally Aggravated by Exposure: Persons with pre-existing respiratory conditions (i.e. asthma, emphysema, etc.) should avoid inhalation of smoke.

Section VIII . Control Measures

Respiratory Protection : N/A

Ventilation: - N/A **Local Exhaust:** - N/A **Special:** - N/A
Mechanical: -N/A **Other:** - N/A

Protective Gloves:- N/A **Eye Protection:** -SAFETY GLASSES RECOMMENDED
Other Protective Clothing or Equipment: - N/A

Work / Hygienic Practices: -Store Fireworks in a Cool Dry and Well Ventilated area. Protect Against Physical Damage and Moisture. Fireworks should be Isolated from all Heat Sources, Sparks and Open Flame. No Smoking.



VULCAN[®]
PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

- 1.1 Product Identifier**
GHS Product Identifier **Fireworks, Division 1.3 Explosive**
Chemical name **Fireworks, 1.3G UN0335**
Trade name **Not Applicable**
CAS No. **Fireworks, Display fireworks**
EINECS No. **Mixture**
REACH Registration No. **Mixture**
Not applicable
- 1.2 Relevant identified uses:**
For personal enjoyment, entertainment and celebrations
- 1.3 Identification company** Oriental Fireworks Co Ltd
83 Guizhai East Road Liuyang Hunan, China
Tel: +86-731-8364-9260
Email: info@shogunvulcan.com
URL: www.shogunvulcan.com
- 1.4 Emergency contact** Infotrac 24 hour US Emergency Response Number
Tel: +1-800-535-5053 or 1-352-323-3500
Infotrac Contract No. 106045

Section 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1** The preparation is classified according to (EC) Directive 1999/45/EC or Directive 67/548/EEC and its amendments and (US) APA Standard 87-1.
- 2.1.2** Regulation (EC) No. 1272/2008 (CLP) & (US) OSHA Hazard Communication Standard 29 CFR 1910.1200 – EXPLOSIVE
- 2.2 Label elements**
- 2.2.1 Label elements** According to Regulation (EC) No. 1272/2008 (CLP) & (US) OSHA Hazard Communication Standard 29 CFR 1910.1200
- GHS Product Identifier**

Hazard Pictogram



Signal Word

DANGER

Hazard Statements

H203: Explosive; fire, blast or projection hazard

Precautionary statements

P210: Keep away from heat/sparks/open flames/hot surfaces – No Smoking

P372+P380: Explosion risk in case of fire: evacuate area

P373: Do NOT fight fire when fire reaches explosives



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PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

2.2.2 Label elements *According to Directive 67/548/EEC & Director 67/548/EEC*

Risk Phrases

R2: Risk of explosion by shock, friction, fire or other sources of ignition

R8: Contact with combustible material may cause fire

R22: Harmful if swallowed

R36/37/38: Irritating to eyes, respiratory system and skin

R43: May cause sensitization by skin contact

Safety Phrases

S2: Keep out of reach of children

S16: Keep away from sources of ignition – No Smoking

S34: Avoid shock or friction

2.2.3 Physical hazards

The mixture is a pyrotechnic preparation. Ignition is possible by contact with open fire, but also by sparks, contact with a hot surface, heat radiation or a strong grinding effect. Self-ignition is possible due to the effects of moisture of contact with acids or bases. Both the preparation and the smoke can have an oxidizing effect on metals



VULCAN[®]
PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	% Weight	EC No.	CAS No.	Hazard pictograms	Risk Phrases/Hazard Statements
Potassium nitrate	>50	231-818-8	7757-79-1		Xi; R38 Skin Irrit. 2, H315
Charcoal	>10	240-383-3	16291-96-6	None	None
Sulfur	>10	231-722-6	7704-34-9		Xi; R38 Skin Irrit. 2, H315
Potassium perchlorate	>50	231-912-9	7778-74-7		R9/R22 H271/H302
Strontium carbonate	>10	216-643-7	1633-05-2	None	None
Magnalium	>10	231-104-6 & 231-072-3	7439-95-4 & 7429-90-5		R11/R15/R17 H250/H260 & H315/H319/ H335/H402
Phenolic resin	<10	605-001-00-5	9003-35-4	None	None
Barium nitrate	<50	233-020-5	10022-31-8		R22/R20 H302/H332
Aluminium	<50	231-072-3	7429-90-5		R15/R17 H315/H319/ H335/H402
Copper oxide	<50	215-269-1	1317-38-0		R22-50/53 S22-61 H302/H410/P273
Antimony sulfide	<10	215-713-4	1345-04-6		R20/22 R51/53 H302/H332/H411 P273

GHS Classification elements in so far as officially assigned according to EC Regulation 1272/2008

Full text of each relevant R phrases can be found in section 16. Full text of each relevant H phrases can be found in section 16.



VULCAN[®]
PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Eye contact:** Rinse with sufficient water; remove any contact lenses prior to rinsing, then immediately rinse the eyes with the eyelids open for a sufficient period of time (at least 10 minutes) using (lukewarm water). Where possible, do not interrupt the rinsing process. Regularly lift the eyelids. Avoid rubbing the eyes to prevent mechanical damage. Help the victim with the rinsing process. Consult an eye doctor if the eyes are irritated or the symptoms persist.
- Skin contact:** Remove contaminated clothing. Wash skin immediately with soap and water if available. Use a shower where required. If symptoms like irritation develop, obtain medical attention.
- Swallowing:** May be toxic. Have the victim rinse his mouth with water and spit it out (never give an unconscious person something to drink due to risk of suffocation). Do not induce vomiting (unless under direct supervision by a doctor) and immediately consult a doctor showing the packaging or label, or take the victim to hospital. Loosen tight clothing, such as a shirt, tie, belt or waistband. Rest.
- Inhalation:** Take the person into fresh air and keep him warm, let him rest. If there is difficulty in breathing, give oxygen. Give artificial respiration if breathing has stopped. Consult a doctor after prolonged exposure or if symptoms do not disappear after a short time.
- Burn injuries:** Burn injuries may occur should product accidentally igniter. With all burn injuries; immediate medical treatment for trauma is essential for patient outcome.
- Further medical Treatment:** Symptomatic treatment and supportive therapy as indicated.

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

- Suitable extinguishing media:** Preferably with dry chemical, foam or water spray
Unsuitable extinguishing media: None Known

5.2 Special hazards arising from the substance or mixture

Explosion risk in case of fire. DO NOT fight fire when fire reaches explosives. Do not attempt to directly fight established or slow smoldering fires as an explosion is possible. In case of fire, evacuate area.

5.3 Special exposure hazards from combustion products

Keep enough distance to protect your own safety due to the character of the material. If involved in a fire, it may emit noxious and toxic fumes. Combustion products may include: carbon monoxide, chlorine, chlorine oxides, sulfur oxide and nitrogen oxide.



VULCAN[®]
PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

5.4 Advice for fire-fighters

In case of fire: Evacuate area. Fight fire remotely due to risk of explosion. Firemen have to wear self contained breathing apparatus. Use qualified personnel who are well aware of the dangers of this product.

5.5 Additional information

Collect extinguishing water to prevent damage to environment. Alert and evacuate the surrounding area. Fight the fire from a sheltered location.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Eliminate all sources of heat and ignition. People dealing with major spillages should wear personal protective clothing (suitable gloves and filter mask if dust is formed). Evacuate the danger zone. Avoid dust engendering and inhalation of the dust. Prevent further dust dispersion for example of dampening the materials.

6.2 Environmental precautions:

Ventilation recommended.

6.3 Clean up methods:

Collect spilled material by hand, eg. With a dustpan and duster; do not use a vacuum cleaner, which poses a risk of explosion. Do not use compressed air for clean up

Section 7: HANDLING AND STORAGE

7.1 Handling:

When handling observe the usual precautionary measures for chemicals. Avoid contact with heat, sparks, flames and other ignition sources. No smoking. No heating, welding, soldering, drilling, cutting. Do not use equipment producing an open flame or electrical equipment, which may cause sparks. Handle in well ventilated areas. Prevent dust formation and inhalation of dust. Avoid contact with the eyes, skin and clothing. Handle empty packaging with the same safety precautions as full packaging. Keep extinguishing equipment in the vicinity.

7.2 Storage:

Store closed packaging in a dry and well-ventilated location. Fireproof. Keep away from food, drinks and animal feed. Store separately, maintain safety distances in accordance with national legislation for pyrotechnic preparations.

Suitable storage material: Original packaging

Storage material to avoid: Packaging that does not meet the applicable ADR regulations, metals.

Storage temperature: Recommended 5-30°C/41-86°F

7.3 Specific use(s): For regulated consumer or professional use only. Must be used outdoors. See warning label on each individual packaging.



MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Limits of exposure:** No occupational exposure limits are determined for the preparation and/or for the components.
- 8.2 Personal Protective equipment:** Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wear suitable protective clothing that prevents contact with the product. The work area and storage area should be for authorized persons only.
- 8.3 Respiratory Protection:** Do not inhale dust. Adequate ventilation in closed areas. Respiratory protection is required if there is a risk of inhaling smoke from the product or for insufficiently ventilated workplaces (filter mask P2)
- 8.4 Skin and body** Wear suitable protective clothing (preferably heavy cotton with tight fitting sleeves) remove contaminated clothing immediately. Keep working clothes separate (on site eg. In a closed plastic bag) and change them every day.
- 8.5 Hands:** Wash hands before breaks and at the end of work. Wear protective gloves if there is risk of skin contact; use heat-resistant gloves for handling.
- 8.6 Eyes** Use safety eyewear (tight fitting goggles) or a full-face shield. Eye-wash.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General information:

- Appearance:** Loose and/or solid powder encased in paper tubes
- Colour:** Not applicable
- Odour:** None

Important health, safety and environmental information:

- pH:** Weak acid
- Boiling point:** Not applicable
- Flash point:** >93°C
- Explosive properties:** -
- Relative density:** -
- Grain density:** -
- Solubility in water:** Partly soluble in water



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PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 10: STABILITY AND REACTIVITY

- 10.1 Stability:** Stable if stored in dry location
- 10.2 Conditions to avoid:** Avoid high (>30°C) and low (<5°C) temperatures. Avoid raised storage temperatures. Avoid high temperatures, heating, open fire and ignition sources, and prevent the effects of a grinding motion and impact forces that may result in ignition.
- 10.3 Materials to avoid:** Oxidizing agents. Flammable agents.
- 10.4 Hazardous decomposition Products:** During use possible release of carbon monoxide, carbon dioxide, chlorine oxides, sulfur oxide and nitrogen oxide. Metal fumes and oxides. Thermal decomposition will evolve toxic irritant and flammable vapors.

Section 11: TOXICOLOGICAL INFORMATION

SUBSTANCE	CAS No.	LD ₅₀ (Oral, Rat)	LD ₅₀ (Inhalation, Rat)	LD ₅₀ (Dermal, Rat)
Potassium Nitrate	7757-79-1	3750 mg/kg	NE	NE
Sulfur	7704-34-9	NE	2,520 ppm/hr	NE
Charcoal	16291-96-6	>5g/kg	NE	NE
Potassium perchlorate	7778-74-7	2100 mg/kg	NE	NE
Barium nitrate	10022-31-8	355 mg/kg	NE	NE

This health hazard assessment is based on information of the components.

- Effects on the eyes:** Particle matter may cause physical injury to the eye. Irritating to the eyes Redness.
- Effects on the skin:** Skin contact may cause irritation, mechanical damage, redness, sensitization, irritation eczema
- Effects on respiration:** May cause severe respiratory tract irritation.
- Ingestion:** Harmful. Ingestion may cause irritation of the gastrointestinal tract.
- Inhalation of smoke:** Smoke released during intended use is harmful upon inhalation and causes coughing.



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PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 12: ECOLOGICAL INFORMATION

- 12.1 Mobility:** The product is partly soluble in water.
- 12.2 Persistence and degradability:** Moderately/partially biodegradable. Persistent.
- 12.3 Bioaccumulative potential** Moderately/partially biodegradable.
- 12.4 Mobility in soil:** The product has moderate mobility in soil.
- 12.5 Other harmful effects:** Do not discharge to groundwater surface water or drains. During combustion possible release of carbon monoxide, carbon dioxide, chlorine, chlorine oxides, sulfur oxide and nitrogen oxide.

Section 13: DISPOSAL CONSIDERATIONS

- 13.1 Product waste:** Pay attention to the flammable and explosive character of the material and the fumes that may be released by it. Incinerate in a hazardous waste incinerator suitable for the disposal of noxious chemical waste in accordance with the stipulations of the relevant regulations. Waste generation should be avoided or minimized wherever possible. If this is not possible, destruction must take place in an approved facility, which is equipped to absorb and neutralize acid gasses and other toxic processing products. Waste, even small quantities, should never be poured down drains, sewers or water surfaces. Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or local authority for advice.
- 13.2 Additional Information** None



MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

Section 14: TRANSPORT INFORMATION

Classification as ADR Material for road transport.

UN Number 0335
 Proper shipping name: UN0335 FIREWORKS, 1.3G
 ADR Class: 1
 Packaging Group II
 Packaging instruction: 135
 Tunnel restriction code: E
 ADR Label / Hazard Label



Classification as IMDG material for sea transport

UN Number 0335
 Proper shipping name: UN0335 FIREWORKS, 1.3G
 Class: 1
 Maximum quantity None
 EmS F-B, S-X
 IMO Label: Explosive substances or articles, class 1, division 1.3

Section 15: REGULATORY INFORMATION

EU regulations.



Hazard Symbol:

EU Labelling classification	O	Oxidizing
	Xn	Harmful
R – (Risk) phrases	R8	Contact with combustible material may cause fire
	R22	Harmful if swallowed
	R36/37/38	Irritating to eyes, respiratory system and skin
	R43	May cause sensitization by skin contact
S – (Safety) phrases	S2	Keep out of reach of children
	S16	Keep away from sources of ignition – No Smoking
	S34	Avoid shock or friction
	S35	This material and its container must be disposed of in a safe way
	S37	Wear suitable gloves
WGK (German legislation)	2	Hazard to waters, VwVws, Annex 2



Waste Symbol



VULCAN[®]
PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

USA regulations.

TSCA (Toxic Substance Control Act)

All chemicals listed

Canada regulations

WHMIS Classification

Exempt – Consumer Products

Section 16: OTHER INFORMATION

Risk Phrases and Safety Phrases

R2: Risk of explosion by shock, friction, fire or other sources of ignition.

R3: Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R9: Explosive when mixed with combustible material.

R20/21: Harmful by inhalation and in contact with skin.

R22: Harmful if swallowed.

R25: Toxic if swallowed.

R33: Danger of cumulative effects.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R61: May cause harm to the unborn child.

R62: Possible risk of impaired fertility.

S2: Keep out of the reach of children.

S13: Keep away from food, drink and animal feeding stuffs.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe fumes.

S24/25: Avoid contact with skin and eyes.

S34: Avoid shock or friction.

S35: This material and its container must be disposed of in a safe way.

S36/39: Wear suitable protective clothing and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazard statement(s) and Precautionary statement(s)

H204: Fire or projection hazard.

H272: May intensify fire; oxidizer.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.

P234: Keep only in original container

P240: Ground/bond container and receiving equipment.

P250: Do not subject to grinding/shock/.../friction.

P280: Wear protective gloves/protective clothing/eye protection/face protection.



VULCAN[®]
PREMIUM QUALITY FIREWORKS

MATERIAL SAFETY DATA SHEET

Date: 23rd April 2015

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P302 + P352: IF ON SKIN: Wash with plenty of soap and 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.
P305: IF IN EYES: Get immediate medical attention.
P373: Do NOT fight fire when fire reaches explosives
P401: Store in accordance with local/regional/national/international regulations
P501: Dispose of contents/container to: Send to a licensed recycler, reclaimer or incinerator.

History:	Date of PDF printing	23 April 2015
	Date of previous issue	No previous validation
	Version:	1

Additional information Product according to directive 2007/23/EC of the European Parliament and of the council of 23 May 2007 on the placing on the market of pyrotechnic articles.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the product in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties. In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any products for its own particular purpose.

Safety data sheet according to regulation (EC) No 1907/2006 of the European parliament and of the council from 18 December 2006 concerning the registration, evaluation, authorization and restrictions of chemicals (REACH).

Section I - Identification of the product and of the company

DATE PREPARED: Jan. 3, 2014

Prepared By: Lily Lu

From: Yung-Feng(Qinzhou)Firecrackers & Fireworks Co., Ltd.

Baxian Village, Pingji Town,

Telephone Number: 0086-777-5619682

Qinzhou City, 535018, Guangxi China.

Emergency : 0086-777-5619682

FIREWORKS 1.3G un 0335**Section II - Hazardous Ingredients / Identity Information**

Contains Pyrotechnic Compositions that are mixtures of solid oxidizers and fuels that contained in paper and cardboard containers. No Hazard exist during normal handling and storage.

OSHA PEL - N/A**ACGIH TLV - N/A****OTHER LIMITS - N/A****Section III - Physical / Chemical Characteristics****Boiling Point: - N/A****Specific Gravity: - N/A****Vapor Pressure: - N/A****Melting Point : - N/A****Vapor Density: - N/A****Evaporation Rate: - N/A****Solubility in Water: - N/A****Appearance and Odor:** -Pyrotechnic Composition is contained in paper or cardboard casings

. Odor is not apparent.

Section IV - Fire and Explosion Hazard Data**Flash Point: - N/A****Flammable Limits: - >200°C Autoignition.****LEL: - N/A****UEL: - N/A****Extinguishing Media:** Flood with Water.**Special Fire Fighting Procedures:** Do not use Suffocation Methods. FIREWORKS- are Self Oxidizing.**Unusual Fire and Explosion Hazards:** Fireworks will burn rapidly in event of Fire. There is A risk of explosion if large quantities are involved in a fire.

Section V . Reactivity Data

Stability: -Stable

Conditions to Avoid: -Open Flames, Sparks, High Temperatures, Friction or Impact.

Incompatibility (Materials to Avoid): - Do Not Allow Fireworks to Get Wet.

Hazardous Decomposition or Byproducts: - Decomposition does not occur under normal circumstances. Smoke Generated by Fireworks may contain gasses that are irritating to the eyes or mucous membranes. Prolonged Exposure and Inhalation of smoke may cause shortness of breath or more serious problems when a chronic respiratory condition exist.

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: - Storage in High Temperatures, Moist or Wet Conditions, Keep away From Open Flame or Sparks.

Section VI . Health Hazard Data

Route(s) of Entry: - N/A **Inhalation:** -N/A **Skin:** - N/A **Ingestion:** - N/A

Health Hazards (Acute and Chronic) : - N/A

Carcinogenicity: N/A **NTP?:** - N/A **IARC Monographs?:** -N/A **OSHA Regulated:** - NO

Signs and Symptoms of Exposure: -Prolonged Exposure to Smoke that is Generated during Normal use of Fireworks may cause Irritation to Eyes and to Mucous Membranes.

Medical Conditions Generally Aggravated by Exposure: - Eye Sensitivity, Respiratory Conditions.

Emergency and First Aid Procedure: -EYES Should be flushed with Water.Move to Fresh Air and avoid additional Inhalation of Smoke.

Section VII . Precautions for Safe Handling and Use

Steps to Be Taken In Case Material Is Released or Spilled: -If Fireworks are spilled, carefully pick up the material and place in a Cardboard Carton. Keep OPEN FLAMES and Sparks AWAY and NO SMOKING.

Waste Disposal Method: -Fireworks that fail to go off should be soaked in a bucket of water and returned to the source where it was obtained. Dry components or powder should be carefully swept up and placed in a cardboard container then soaked with water. Burning of Fireworks Waste must be performed in compliance with local and state laws.

Precautions in Handling and Storing: -Keep from OPEN FLAMES, NO SMOKING, AVOID IMPACT of MATERIALS and CONTAINERS of MATERIALS, STORE FIREWORKS IN A COOL AND DRY ENVIORMENT. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: -NEVER ATTEMPT TO RELIGHT A FIREWORK THAT HAS NOT GONE OFF. DO NOT APPROACH THE FIREWORK FOR AT LEAST 30 MINUTES. AFTER DISCHARGING FIREWORKS ALLOW THE REMAING ITEM TO COOL OVERNIGHT BEFORE PLACING IN TRASH.

Section VIII . Control Measures

Respiratory Protection : N/A

Ventilation: - N/A Local Exhaust: - N/A Special: - N/A

Mechanical: -N/A Other: - N/A

Protective Gloves:- N/A Eye Protection: -SAFETY GLASSES RECOMMENDED

Other Protective Clothing or Equipment: - N/A

Work / Hygienic Practices: -Store Fireworks in a Cool Dry and Well Ventilated area. Protect Against Physical Damage and Moisture. Fireworks should be Isolated from all Heat Sources, Sparks and Open Flame. No Smoking.