Material Safety Data Sheet Occupational Safety and Health Administration May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard (Non-Mandatory Form) Form Approved must be consulted for specific requirements. OMB No. 1218-0072 Note: Blank spaces are not permitted. If any item is not IDENTITY (as Used on Label and List) applicable or no information is available, the space Igniters (Fireworks 1.4S) must be marked to indicate that. Section I Emergency Telephone Number Manufacturer's name United Pyrotechnics USA Inc. Contract # MIS0005901 Chem-Tel 1-800-255-3924 Telephone Number for Information Address (Number, Street, City, State and ZIP Code) 989-662-0121 2000 Sierra Point Parkway Date Prepared1 January 1, 2010 Brisbane, CA 94005 Signature of Preparer (optional) Section II—Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity, Common Name(s)) % (optional) ACGIH TLV Recommended OSHA PEL Igniters contain pyrotechnic compositions and are classified as Fireworks 1.4S by the US Department of Transportation . No chemical components are released during the normal handling, storage and transportation of the product. Section III—Physical/Chemical Characteristics N/A **Boiling Point** Specific Gravity (H₂0 = 1) N/A Melting Point Vapor Pressure (mm Hg) N/A Evaporation Rate (Butyl Acetate = 1) N/A Vapor Density (AIR = 1) N/A Solubility in Water Slight Appearance and Odor Two wires with a dab of pyrotechnic composition over the igniter wire covered with a plastic shroud- No Odor Section IV—Fire and Explosion Hazard Data Flammable Limits N/A Flash Point (Method Used) N/A N/A N/A Extinguishing Media Do not attempt to fight a firework fire Special Fire Fighting Procedures Evacuate the area, keep others out and stay away Unusual Fire and Explosion Hazards Fireworks will burn rapidly in a fire. Keep away from static electricity. OSHA 174 Sept. 1985 (Reproduce locally)

U.S. Department of Labor

Section V—Reac	tivity Data			
Stability		Unstable		Conditions to Avoid
		Stable	Х	No open flames, smoking or moisture in the vicinity of fireworks. Keep away from static electricity
Incompatibility (Mate	rials to Avoid)	Do not allow to get wet	Keep shunted.	Keep away from static electricity.
Hazardous Decompo	sition or Byprod		Troop chamean	,
Hazardous		May Occur	Γ	Conditions to Avoid
Polymerization		TAPILATE OF THE		N/A
		Will Not Occur	X	N/A
Section VI—Heal	th Hazard Dat	a	Skin2	Ingestion? No
Route(s) of Entry		Inhalation? No	Skin?	
Health Hazards (Acu	ite and Chronic)	No chemical componen	ts are released	during the handling of product. However during a
display, ground	level smoke	may contain gases that	can cause eye	and mucous membrane irritation. Prolonged exposure
to the smoke sh	ould be avoid	ded.	IARC	Monographs? No OSHA Regulated? No
Carcinogenicity		NTP? No		No No
				t the trans
Signs and Symptoms	s of Exposure S	hortness of breath, eye	and mucous m	embrane irritation
Medical Conditions	d by Exposure	Persons with respiratory	problems shou	ld avoid exposure to the smoke.
Generally Aggravate	a by Exposure	, ,		
Emergency and First	Aid Procedures	Move to an area with fr	esh air.	
Section VII—Pre	cautions for S	afe Handling and Use		
Steps to Be Taken in	n Case Material I	s Released or Spilled Carefu	ully pick up spill	ed composition with a broom and non metallic dust
pan, place in a	cardboard co	ntainer if possible.		
Waste Disposal Met	hod Soak cor	mposition with water and	d burn in compli	ance with the local AHJ.
Precautions to Be Ta	aken in Handling	and Storing Keep produc	t cool & dry. Av	oid dropping and careless handling of product. Keep
fire away at all t	imes			
Other Precautions	None			
Section VII—Cor Respiratory Protection				
		140t Flequiled		Special N/A
	I Exhaust N/A			Other N/A
	hanical (General		I Fve P	
	Not Required		Lych	otection N/A
Other Protective Clo		14// (
Work/Hygienic Pract	ices No smo	king in the vicinity of the	product	

Material Safety Data Sheet

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Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved

Form Approved OMB No. 1218-0072

IDENTITY (as Used on Label and List)
Display Fireworks (Fireworks 1.3G)

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space

Siopiay (were the control of the co		must be marked to indicate that.			
Section I					
Manufacturer's name		Emergency Telephone Number			
Gongguan Fireworks Export		Contract # MIS0005901			
		Chem-Tel 1-800-255-3924			
Address (Number, Street, City, State and ZIP Code)		Telephone Number for Information			
		989-662-0121			
168 Baisanhan Rd		Date Prepared1			
		January 1, 2013			
Gongguan Hepu-Guangxi, China					
		Signature of Preparer (optional)			
Section II—Hazardous Ingredients/Identity	Information				
Hazardous Components (Specific Chemical Identity,		5	r Limits Imended % (optional)		
		OSHAT EL MOUNT I			
Display Fireworks contain explosive pyro	technic composition	released during the normal handling	storage and		
Department of Transportation . No chemi	ical components are	e released during the normal manding,	otorago arra		
transportation of the product.					
Section III—Physical/Chemical Characteris	tics				
Boiling Point	N/A	Specific Gravity (H ₂ 0 = 1)	N/A		
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A		
		Evaporation Rate (Butyl Acetate = 1)	N/A		
Vapor Density (AIR = 1)	N/A	Evaporation viale (22)			
Solubility in Water Slight					
Appearance and Odor Round Spheres - Multi Sho	t Boxes – Canister Shell:	s- No Odor			
Section IV—Fire and Explosion Hazard Dat	а				
Flash Point (Method Used)		Flammable Limits N/A LEL N/A	UEL N/A		
14//					
Do not attempt to light					
Special Fire Fighting Procedures Evacua	te the area, keep o	thers out and seek shelter			
Unusual Fire and Explosion Hazards Display Fi	reworks may mass	detonate in a fire.			
2.opiay	,				
(Reproduce locally)			OSHA 174 Sept. 1985		

Section V-	-Reactivity Data						
Stability		Unstable		Conditions to Avoid			
		Stable	X	No open flames, smoking or moisture in the vicinity of fireworks. Friction and impact sensitive			
Incompatibility	(Materials to Avoid)	Do not allow to get wet					
Hazardous De	Hazardous Decomposition or Byproducts						
Hazardous		May Occur		Conditions to Avoid			
Polymerizatio	n	Will Not Occur	X	N/A			
Section VI-	-Health Hazard Data						
Route(s) of Er	Route(s) of Entry Inhalation? Yes, when shooting Skin? NO Ingestion? No						
Health Hazards (Acute and Chronic) No chemical components are released during the handling of product. However during a							
display, gro	ound level smoke m	nay contain gases that o	can cause eye ar	nd mucous membrane irritation. Prolonged exposure			
to the smo	ke should be avoide	ed.					
Carcinogenici	ty	NTP? No	IARC Mo	onographs? No OSHA Regulated? No			
Signs and Syr	mptoms of Exposure Sh	ortness of breath, eye	and mucous mer	nbrane irritation			
Medical Conditions Generally Aggravated by Exposure Persons with respiratory problems should avoid exposure to the smoke. Emergency and First Aid Procedures Move to an area with fresh air.							
		viovo to arraioa with ma					
Section VII-	-Precautions for Sa	fe Handling and Use					
Steps to Be T	aken in Case Material Is	Released or Spilled Carefu	Illy pick up spilled	composition with a broom and non metallic dust			
pan, place	in a cardboard con	tainer if possible.					
Waste Dispos	al Method Soak com	position with water and	burn in compliar	nce with the local AHJ.			
	Soak com		- Bulli III Gollipiia.				
Precautions to Be Taken in Handling and Storing Keep product cool & dry. Avoid dropping and careless handling of product. Keep							
fire away a	t all times						
Other Precautions None							
Section VII-	-Control Measures						
Respiratory P	rotection (Specify Type)	Not Required					
Ventilation	Local Exhaust N/A			Special N/A			
	Mechanical (General)	N/A		Other N/A			
Protective Glo	Not nequired		Eye Prot	ection N/A			
Other Protective Clothing or Equipment N/A							
Work/Hygienic	Work/Hygienic Practices No smoking in the vicinity of the product						