

## NEXT FX, INC. SAFETY DATA SHEET

COLUMBUS, MT 59019 (406)322-1303

### SAXONS, (GOLD & SILVER) SECTION I: PRODUCT & MANUFACTURER IDENTIFICATION

PRODUCT IDENT	TIFIER		
SAXON, SP	INNING GERBS		
PRODUCT USE;			
THEATRICAL PYROTECHNICS AND SPECIAL EFFECTS. DEVICE WILL EXPEL			
BURNING PROJECTIONS AND WILL CONTINUE TO BURN FOR A SHORT			
DURATION.			
MANUFACTURERS NAME;			
DISTRIBUTED BY: NEXT FX, INC. MFG. BY: STAGE FX, INC.			
STREET ADDRES	ss;	CITY;	STATE
184 McN	ALEY ROAD	COLUMBUS	MT - USA
ZIP CODE;	TELEPHONE NUMBER;	EMERGENCY NUMBERS;	-
59019	(406)322-1303	DOMESTIC - (800	1)255-3924
		INTER +01 (81	3)248-0585

#### SECTION II: HAZARDS IDENTIFICATION

WHMIS CLASSIFCATION/GHS CLASSIFCATION: EXPLOSIVE CLASS 1.4





#### WARNING

HAZARD STATEMENT: FIRE OR PROJECTION HAZARD

PRECAUTIONARY STATEMENTS:
PREVENTION:

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES/STRAY ELECTRICAL CURRENTS - "No Smoking"

RESPONSE;

IN CASE OF FIRE: EVACUATE AREA EXPLOSION RISK IN CASE OF FIRE

DO NOT FIGHT FIRE WHEN FIRE HAS REACHED EXPLOSIVE PRODUCT.

PRODUCT USE:

BURNING PROJECTIONS CAN AND WILL IGNITE COMBUSTIBLE MATERIALS. HEIGHT & RADIAL SAFETY DISTANCES SHOULD BE APPLIED. REFER TO LABEL OR MANUFACTURER FOR APPROPRIATE SAFETY DISTANCES FOR SPECIFIC PRODUCT. "FOR PROFESSIONAL USE ONLY" NOT FOR CONSUMER OR RETAIL SALES.

SALES TO PERSONS UNDER (18) YEARS PROHIBITED.

POTENTIAL ACUTE HEALTH EFFECTS:

DEVICE COULD CAUSE SERIOUS BURN INJURIES IF INCORRECTLY USED.

POTENTIAL CHRONIC HEALTH EFFECTS:

THERE ARE NO CHRONIC AFFECTS FROM HANDLING THIS PRODUCT APPROPRIATELY. SEE APPROPRIATE SDS FOR COMPONENT INGREDIENTS.



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#### SAXONS, (GOLD & SILVER)

NATIONAL FIRE PROTECTION ASSOCIATION RATINGS;

HEALTH HAZARD - 1 FLAMMABILITY - 3 REACTIVITY - 0 SPECIAL - 0

#### SECTION III: COMPOSITION/INGREDIENT INFORMATION

HAZARDOUS INGREDIENTS	%	CAS NUMBER
POTASSIUM PERCHLORATE	*	7778-74-7
CHARCOAL	*	7440-44-0
SODIUM BENZOATE	*	532-32-1
DICYANDIAMIDE	*	125148-58-5
GRAPHITE	*	7782-42-5
POTASSIUM NITRATE	*	7757-79-1
SULFUR	*	7704-34-9
TITANIUM	*	7440-32-6

<sup>\*</sup> INGREDIENT PERCENTAGES ARE COMPANY PROPRIETARY.

#### SECTION IV: FIRST AID MEASURES

ROUTES OF ENTRY; X SKIN CONTACT - SKIN ABSORPTION X EYE CONTACT X INHALATION X INGESTION

#### SKIN CONTACT;

PRODUCT ITSELF DOES NOT HAVE ANY SKIN CONTACT HAZARDS. SERIOUS BURNS COULD TAKE PLACE IF ACCIDENTAL IGNITION. CONTENTS (IF SPILLED) SHOULD BE WASHED IMMEDIATELY FROM EXPOSED AREA WITH PLENTY OF SOAP AND WATER.

#### EYE CONTACT;

PRODUCT ITSELF DOES NOT HAVE ANY EYE CONTACT HAZARDS. SERIOUS EYE INJURIES COULD RESULT IF ACCIDENTAL IGNITION OCCURS. (IF CONTENTS ARE SPILLED) FLUSH EYES FOR A MINIMUM OF 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

#### INHALATION;

PRODUCT ITSELF DOES NOT PRESENT AN INHALATION HAZARD. SMOKE FROM DEVICE FUNCTIONING MAY CAUSE IRRITATION IF USED WITHIN NON-VENTILATED OR SMALL CONFINED SPACES.

#### INGESTION

PRODUCT ITSELF DOES NOT PRESENT AN INGESTION HAZARD. IF CONTENTS ARE ACCIDENTALLY INGESTED, SEEK MEDICAL ATTENTION AS SOON AS POSSIBLE.

#### **ACUTE HEALTH EFFECTS;**

SOME INGREDIENTS ARE CONSIDERED IRRITANTS AND SHOULD BE HANDLED AS SUCH IF EXPOSED.

#### CHRONIC HEALTH EFFECTS;

THERE ARE NO CHRONIC AFFECTS FROM THE HANDLING OF THIS PRODUCT.



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# SAXONS, (GOLD & SILVER) SECTION V: FIRE FIGHTING MEASURES & RELATED INFORMATION

FLAMMABILITY; NFPA RATING;

ALL PYROTECHNICS ARE HIGHLY FLAMMABLE 3 - MAJOR HAZARD

GENERAL FIRE HAZARDS;

PYROTECHNIC COMPOSITIONS/DEVICES BURN VIOLENTLY AND ARE SELF-DXIDIZED. FASTER BURNING COMPOSITIONS MAY REACH DETONATION LEVELS DEPENDENT UPON COMPOSITION, PACKAGED CONFIGURATION AND/OR CONTAINMENT.

MEANS OF EXTINGUISHMENT;

PYROTECHNICS ARE SELF-OXIDIZED AND CANNOT BE EXTINGUISHED WITH NORMAL MEANS. DO NOT FIGHT FIRES INVOLVING THE DEVICES. INCIPIENT FIRES MAY BE FOUGHT. DO NOT USE SUFFOCATION METHODS, CLEAR AREA OF PERSONNEL!

#### SECTION VI: ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES;

DEVICES MAY BE GENTLY PICKED UP AND RE-PACKAGED IN ORIGINAL PACKAGING OR EQUIVALENT. IN CASE PYROTECHNIC COMPOSITION IS SPILLED: KEEP AWAY FROM ANY POSSIBLE IGNITION SOURCES SUCH AS OPEN FLAMES, SPARKS AND NON-RATED ELECTRICAL DEVICES. PREVENT POSSIBLE ELECTROSTATIC DISCHARGES (FOR EXAMPLE: DO NOT USE A SYNTHETIC DUSTPAN AND BRUSH).

CLEAN-UP PROCEDURES:

PACKAGED DEVICES CAN BE PICKED UP GENTLY. FOR SPILLED MATERIAL, WHICH MAY BE RELEASED ACCIDENTALLY, FLOOD AREA WITH WATER AND USE CONDUCTIVE OR NATURAL MATERIAL UTENSILS FOR PICK-UP. PLACE INTO A CLOSED CONDUCTIVE CONTAINER FOR DISPOSAL.

#### SECTION VII: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT;

ALL PYROTECHNICS SHOULD BE HANDLED WITH CAUTION. AVOID OPEN FLAMES, SMOKING, FRICTION, IMPACT, EXCESSIVE HEAT, ELECTROSTATIC DISCHARGES, RADIO FREQUENCY INTERFERENCE AND MOISTURE, (HUMIDITY).

STORAGE REQUIREMENTS;

STORE IN A COOL, WELL VENTILATED, AND DRY AREA. DEPENDENT UPON APPLICATION, SEPARATION DISTANCES AND SECURITY MEASURES ARE TO BE COMPLIED WITH. STORAGE COMPATIBILITY SHOULD BE MAINTAINED IN ACCORDANCE WITH FEDERAL REGULATIONS.



ALL COTTON CLOTHING.

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# SAXONS, (GOLD & SILVER) SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS:	ACGIH TLV = N/A	OSHA PEL = N/A	DTHER = N/A
ENGINEERING CONTROLS;			
DEVICES NEED TO	DEVICES NEED TO BE USED IN A VENTILATED AREA FOR REMOVAL OF SMOKE.		
SOME INGREDIENTS MAY HAVE EXPOSURE CONTROLS BUT ARE RELEGATED TO			
MANUFACTURING PROCESSES ONLY. DEVICES EXPEL BURNING INCANDESCENT			
MATERIAL THAT S	HOULD BE DESIGN	ED TO FALL UPON	FLAME RESISTANT
MATERIAL OR SURF	ACES.		
PERSONAL PROTECTIVE EQU	IPMENT;		
SAFETY GLASSES	ARE REQUIRED	WHEN HANDLING.	PREVENTION OR
REDUCTION OF STA	ATIC ELECTRICITY S	HOULD BE ACCOMPL	ISHED BY WEARING

#### SECTION IX: PHYSICAL PROPERTIES

B	D 0 A	B
PHYSICAL STATE;	ODOR & APPEARANCE;	SPECIFIC GRAVITY;
Solid	NORMALLY BLACK TUBE	N/A
	- No Odor	
ODOR THRESHOLD;	VISCOSITY;	PARTITION COEFFICIENT; (N-
N/A	N/A	OCTONAL/WATER)
		N/A
VAPOR DENSITY; (AIR=1)	VAPOR PRESSURE; (MM/HG)	EVAPORATION RATE;
N/A	N/A	N/A
Boiling Point; (°C)	FREEZING POINT; (°C)	PH;
N/A	N/A	N/A
SOLUBILITY IN WATER;	MELTING POINT;	VOC;
N/A	PYROTECHNICS WILL	N/A
	REACH AUTO-IGNITION	
	TEMPERATURE BEFORE	
	MELTING	
FLASHPOINT;	UPPER FLAMMABLE LIMITS;	LOWER FLAMMABLE LIMITS;
N/A	N/A	N/A
AUTO-IGNITION TEMPERATURE;	SENSITIVITY TO IMPACT;	SENSITIVITY TO ELECTROSTATIC;
Approx 440 $^\circ$ C	N/A	ONLY WHEN DEVICE IS
		UN-SHUNTED.

#### **SECTION X: STABILITY & REACTIVITY**

CHEMICAL STABILITY;			IF UNSTABLE, UNDER WHAT CONDITIONS;
X	STABLE	UNSTABLE	
INC	OMPATIBILITIES OR CONDITIONS	TO AVOID;	
IGN	NITION SOURCES.		
Pos	Possibility of Hazardous Reaction;		
VE	VERY LOW WHEN DEVICE IS SHUNTED OR SHORT CIRCUITED. LOW POSSIBILITY		
WHEN UN-SHUNTED.			
REACTIVITY;			
LOOSE COMPOSITION IS VERY REACTIVE TO SOURCES OF IGNITION.			
HAZARDOUS DECOMPOSITION;			
DE	DECOMPOSITION DOES NOT OCCUR UNDER NORMAL CIRCUMSTANCES DURING		
ST	STORAGE, TRANSPORT AND HANDLING. UPON FUNCTIONING, THIS DEVICE CAN		
PR	PRODUCE NITRATES AND OTHER OXIDES.		



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### SAXONS, (GOLD & SILVER) SECTION XI: TOXICOLOGICAL INFORMATION

CARCINOGENICITY - IARC; CARCINOGENICITY - ACGIH;			
HESE DEVICES MAY CONTAIN KNOWN THESE DEVICES MAY CONTAIN KNO			
OR SUSPECTED CARCINOGENS. THE	OR SUSPECTED CARCINOGENS. THE		
FOLLOWING LIST OF CHEMICALS ARE	FOLLOWING LIST OF CHEMICALS ARE		
CLASSIFIABLE AND YOU SHOULD	CLASSIFIABLE AND YOU SHOULD		
REFER TO SPECIFIC SDS FOR	REFER TO SPECIFIC SDS FOR		
ADDITIONAL INFORMATION;	ADDITIONAL INFORMATION;		
ROUTES OF ENTRY;			
(ONLY SPILLED COMPOSITIONS) INHALATION & INGESTION			
MEASURES OF TOXIDITY; (INGREDIENTS ONLY)			
POTASSIUM NITRATE - (ORAL), LD50 (RAT) 3015 MG/KG			
SULFUR - (INHALATION), LC50 (RAT) >9.23 MG/L/4H, (ORAL), LD50 (RAT)			
>3000 MG/KG: (DERMAL), LD50 (RABBIT)>2000 MG/KG			
SODIUM BENZOATE - (ORAL), LD50 - (RAT) 2100 MG/KG			
CHARCOAL - (ORAL), LD50 (RAT) > 10,000 MG/KG			
CHRONIC EFFECTS ON HUMANS; (INGREDIENTS ONLY)  ACUTE EFFECTS ON HUMANS; (INGREDIENTS ONLY)			
SEE INGREDIENT SDS) (SEE INGREDIENT SDS)			
OTHER TOXIC EFFECTS ON HUMANS, (SKIN CORROSION/IRRITATION, EYE DAMAGE/IRRITATION, RESPIRATORY OR			
SKIN SENSITIZER, OR ASPIRATION HAZARDS)			
N/A			
GERM CELL MUTAGENICITY;	REPRODUCTIVE TOXICITY;		
N/A	N/A		
TOT - SINGLE EXPOSURE; STOT - REPEATED EXPOSURE;			
N/A N/A			
SYMPTOMS OF OVEREXPOSURE;			
NO OVEREXPOSURE HAZARDS ASSOCIATED WITH THE DEVICE OR PRODUCT.			

#### SECTION XII: ECOLOGICAL INFORMATION

ECOTOXICITY;	BDD5 & CDD;		
THE FOLLOWING LIST OF CHEMICALS	NOT AVAILABLE		
MAY HAVE ADDITIONAL ECOTOXICITY			
INFORMATION ON THEIR SPECIFIC			
MSDS;			
SULFUR			
SODIUM BENZOATE			
PRODUCTS OF DEGRADATION;			
Possibly hazardous short term, degradation products are not			
LIKELY.			
TOXICITY OF THE PRODUCTS OF BIODEGRADATION:			
THE PRODUCTS OF DEGRADATION A	RE LESS TOXIC THAN THE PRODUCT		
ITSELF.			
OTHER ADVERSE AFFECTS;			
NOT AVAILABLE			
BIDACCUMULATION:	Mobility in Soil;		
N/A N/A			



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### SAXONS, (GOLD & SILVER) SECTION XIII: DISPOSAL CONSIDERATIONS:

EPA WASTE CODES APPLICABLE;

Unused devices will exhibit the characteristics of reactivity in accordance with 40 CFR. DOO3 would be applicable if <u>devices</u> are considered waste.

WASTE DISPOSAL;

WASTES MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AS STATED ABOVE, UNUSED DEVICE DOES EXHIBIT A RCRA CHARACTERISTIC AS DEPICTED BY 40 CFR AND/OR OTHER INTERNATIONAL REGULATIONS. BEST SUITED FOR INCINERATION AT A LICENSED EXPERIENCED DISPOSAL FACILITY. USED DEVICES MAY BE DISPOSED OF IN STANDARD REFUSE CONTAINER.

#### SECTION XIV: TRANSPORTATION INFORMATION

DOT CLASSIFICATION & UN IDENTIFICATION;

CLASS 1.4G - UNO431
EXPLOSIVE

PROPER SHIPPING NAME & TECHNICAL NAME;

ARTICLES, PYROTECHNIC

SPECIAL PROVISIONS FOR TRANSPORT;

IN CASE OF AN ACCIDENT, THE ERG SHOULD BE CONSULTED FOR EMERGENCY PROCEDURES. EVACUATION WILL BE NECESSARY IF ACCIDENT HAS INVOLVED MULTIPLE DEVICES IN A FIRE OR THE POTENTIAL FOR A FIRE EXISTS.

#### **SECTION XV: REGULATORY INFORMATION:**

FEDERAL & STATE REGULATIONS;

REGULATIONS GOVERNING THE MANUFACTURING, USE AND SALE OF PYROTECHNICS AND/OR CHEMICALS ARE APPLICABLE TO THIS PRODUCT LINE. PLEASE CONTACT YOUR DISTRIBUTOR OR THE MANUFACTURER FOR SPECIFIC REGULATIONS IF YOU HAVE QUESTIONS.

OTHER REGULATIONS;

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 1910.1200). EINECS: SOME OF THE COMPOSITIONAL INGREDIENTS ARE ON THE EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES. INGREDIENTS MAY HAVE SPECIFIC FEDERAL, STATE REGULATIONS GOVERNING THRESHOLDS AND HANDLING PROCEDURES AND ONLY APPLY TO THE MANUFACTURING OF THESE ITEMS. IF ONE OF THE INGREDIENTS IN THESE DEVICES IS POTASSIUM PERCHLORATE, THE STATE OF CALIFORNIA REQUIRES THAT THIS WARNING BE GIVEN - "SOME PRODUCTS MAY CONTAIN PERCHLORATES. SPECIAL HANDLING MAY APPLY!

SEE WWW.DTSC.CA.GOV/HAZARDOUSWASTE/PERCHLORATE."



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### SAXONS, (GOLD & SILVER) SECTION XVI: OTHER INFORMATION

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL NEXT FX, INC. OR ITS AFFILIATES BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF NEXT FX, INC. AFFILIATES OR CONSULTANTS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

DATE PREPARED;	PREPARED BY;	TELEPHONE NUMBER;
18 SEPT. 2013	DENNIS SLICER	(406)322-1304