



PRODUCT IDENTIFICATION	
PRODUCT NAME	HI TEMPERATURE GAS GENERATOR GRAIN
TRADE NAMES AND SYNONYMS	PROPELLANT, GAS GENERATOR GRAIN
MANUFACTURER	DIAMONDBACK INDUSTRIES, INC.
TRANSPORTATION EMERGENCY	1-800-255-3924 (24 HOURS - CHEM-TEL)

PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

THE PREVENTION OF ACCIDENTS IN THE USE OF THIS PRODUCT IS A RESULT OF CAREFUL PLANNING AND OBSERVANCE OF THE BEST KNOWN PRACTICES. THE USER MUST REMEMBER THAT HE IS DEALING WITH A POWERFUL FORCE AND THAT VARIOUS DEVICES AND METHODS HAVE BEEN DEVELOPED TO ASSIST HIM IN DIRECTING THIS FORCE. HE SHOULD REALIZE THAT THIS FORCE, IF MISDIRECTED, MAY EITHER KILL OR INJURE BOTH HIM AND HIS FELLOW WORKERS.

WARNING

ARTICLE, PYROTECHNIC MATERIALS ARE DANGEROUS AND MUST BE CAREFULLY HANDLED AND USED FOLLOWING APPROVED SAFETY PROCEDURES EITHER BY OR UNDER THE DIRECTION OF COMPETENT, EXPERIENCED PERSONS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, OR ORDINANCES. IF YOU HAVE ANY QUESTIONS OR DOUBTS AS HOW TO USE ANY PYROTECHNIC PRODUCT, DO NOT USE IT BEFORE CONSULTING WITH YOUR SUPERVISOR, OR THE MANUFACTURER, IF YOU DO NOT HAVE A SUPERVISOR. IF YOUR SUPERVISOR HAS ANY QUESTIONS OR DOUBTS, HE SHOULD CONSULT WITH THE MANUFACTURER BEFORE USING THE PYROTECHNIC RELATED PRODUCT.

HAZARDOUS COMPONENTS			
MATERIAL OR COMPONENT	CAS No.	TLV	PEL
AMMONIUM PER-CHLORATE	N/A	NE	NE
PVC	N/A	NE	NE
CARBON BLACK	N/A	NE	NE
OXAMIDE	N/A	NE	NE
DI-OCTYL-ADIPATE	N/A	NE	NE
N/A = NOT ASSIGNED NE = NOT ESTABLISHED			

PHYSICAL DATA
DARK GRAY, RUBBERY SOLID WITH AN AROMATIC ODOR.



HAZARDOUS REACTIVITY	
INSTABILITY	MAY LIBERATE HYDROGEN GAS CREATING A COMBUSTABLE HAZARD.
INCOMPATIBILITY	ACIDS AND ALKALIS
HAZARDOUS DECOMPOSITION	IGNITION PRODUCES HAZARDOUS FRAGMENTS. GASES PRODUCED MAY CONTAIN CARBON MONOXIDE AND NITROGEN OXIDE.
POLYMERIZATION	POLYMERIZATION WILL NOT OCCUR.

FIRE AND EXPLOSION DATA	
FLASHPOINT	NOT APPLICABLE
EXTINGUISHING MEDIA	NONE. CONTAINS BOTH OXIDIZER AND FUEL AND CANNOT BE READILY EXTINGUISHED. FIRE FIGHTING SHOULD BE LIMITED TO PREVENTING SPREAD OF OTHER FIRES.
SPECIAL FIRE FIGHTING PROCEDURES	DO NOT FIGHT FIRES. TRY TO KEEP FIRE FROM REACHING OTHER FLAMMABLE PRODUCTS. ISOLATE AREA. GUARD AREA.
UNUSUAL FIRE AND COMBUSTION HAZARDS	MAY IGNITE WITH IMPACT OR HEATING.

HEALTH HAZARDS	
GENERAL	GAS GENERATOR GRAIN DOES NOT PRESENT HEALTH HAZARDS IN NORMAL HANDLING AND USE, HOWEVER, THE PRODUCTS ARE DIVISION 1.4S ARTICLES, PYROTECHNIC, AND IGNITION MAY CAUSE SEVERE PHYSICAL INJURY, INCLUDING DEATH. ALL ARTICLES, PYROTECHNIC ARE DANGEROUS AND MUST BE HANDLED CAREFULLY AND USED FOLLOWING APPROVED SAFETY PROCEDURES UNDER THE DIRECTION OF COMPETENT, EXPERIENCED PERSONS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, AND ORDINANCES.
CARCINOGENICITY	NONE OF THE COMPONENTS OF GAS GENERATOR GRAIN ARE LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.



FIRST AID	
INHALATION	NOT A LIKELY ROUTE OF EXPOSURE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION.
EYE AND SKIN CONTACT	NOT A LIKELY ROUTE OF EXPOSURE
INGESTION	NOT A LIKELY ROUTE OF EXPOSURE
INJURY FROM DETONATION	SEEK PROMPT MEDICAL ATTENTION

SPILL OR LEAK PROCEDURES	
SPILL/LEAK RESPONSE	USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. ISOLATE AREA AND REMOVE SOURCES OF FRICTION, IMPACT, HEAT, LOW LEVEL ELECTRICAL CURRENT, ELECTROSTATIC OR RF ENERGY. SWEEP UP WITH NON-SPARKING TOOLS AND REMOVE FROM THE AREA.
WASTE DISPOSAL	DISPOSE OF IN COMPLIANCE WITH FEDERAL REGULATIONS UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

SPECIAL PRECAUTIONS	
KEEP AWAY FROM FRICTION, IMPACT, AND HEAT. DO NOT CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY MEET	

SPECIAL PROTECTION INFORMATION	
VENTILATION	USE ONLY WITH ADEQUATE VENTILATION
RESPIRATORY	NIOSH APPROVED PARTICLE MASKS FOR DUST AND MIST
EYE	SAFETY GLASSES OR GOGGLES
GLOVES	IMPERVIOUS RUBBER GLOVES
OTHER	COTTON OVERALLS, UNDERGARMENTS, AND SOCKS. CONDUCTIVE SOLED SHOES.

STORAGE CONDITIONS	
STORE IN ACCORDANCE WITH THE REQUIREMENTS OF SUBPART K, ATF: EXPLOSIVES LAW AND REGULATIONS	

SHIPPING INFORMATION	
PROPER SHIPPING NAME	ARTICLES, PYROTECHNIC
HAZARD CLASS	1.4S
UN NUMBER	1.4S UN0432
DOT LABEL & PLACARD	DOT LABEL ARTICLES, PYROTECHNIC 1.4S
DOT PLACARD ARTICLES, PYROTECHNIC 1.4S	
USDOT EX-NUMBER	EX-2006080064



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Revision Date: 10-JUN-11

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