

SAFETY DATA SHEET

Section 1. IDENTIFICATION

GHS product identifier : **POWER CHARGE**
Product Code : **EXP-1600-POC,SETTING TOOL POWER CHARGE, CARTRIDGES, POWER DEVICE, CARTRIDGES OIL WELL, EXPOSED POWER CHARGE**

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PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

THE PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES IS A RESULT OF CAREFUL PLANNING AND OBSERVANCE OF THE BEST KNOWN PRACTICES. THE EXPLOSIVES 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

ALL EXPLOSIVES 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 EXPLOSIVE 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 EXPLOSIVE RELATED PRODUCT.

Section 2. COMPOSITION / INGREDIENTS

SUBSTANCE : Mixture

INGREDIENTS NAME	% OF SUBSTANCE	CAS #
POTASSIUM NITRATE	40 - 70	7757-79-1
INERT CELLULOSE	30 - 60	N/A
RESIN	20 - 30	N/A
HARDENER	5 - 10	N/A
PLASTICISER	5 - 10	N/A

N/A = NOT ASSIGNED

Section 3. PHYSICAL DATA

EXPOSED EPOXY HARDENED POWER CHARGE MIXTURE. STRONG EPOXY ODOR.

Section 4. HAZARDOUS REACTIVITY

INSTABILITY	DETONATES WITH FRICTION, IMPACT, HEAT, LOW LEVEL ELECTRICAL CURRENT, ELECTROSTATIC OR RF ENERGY
INCOMPATIBILITY	ACIDS AND ALKALIS
HAZARDOUS DECOMPOSITION	DETONATION PRODUCES HAZARDOUS FRAGMENTS. GASES PRODUCED MAY CONTAIN CARBON MONOXIDE AND NITROGEN OXIDE.
POLYMERIZATION	POLYMERIZATION WILL NOT OCCUR.

Section 5. 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 EXPLOSIVE FIRES. TRY TO KEEP FIRE FROM REACHING EXPLOSIVES. ISOLATE AREA. GUARD AREA. DIVISION 1.4C EXPLOSIVES: EVACUATE AREA FOR 1500 FEET DIVISION 1.4C EXPLOSIVES: EVACUATE AREA FOR 1500 FEET
UNUSUAL FIRE AND EXPLOSION HAZARDS	MAY DETONATE WITH IMPACT OR HEATING.

Section 6. HEALTH HAZARDS

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.

Section 7. 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

Section 8. 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.

Section 9. SPECIAL PRECAUTIONS

KEEP AWAY FROM FRICTION, IMPACT, AND HEAT. DO NOT CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THESE MATERIALS.

Section 10. SPECIAL PRECAUTION INFORMATION

VENTILATION	USE ONLY WITH ADEQUATE VENTILATION
RESPIRATORY	NIOSH APPROVED PARTICLE MASKS FOR DUST AND MIST
EYE	SAFETY GLASSES OR GOGGLES
GLOVES	NORMAL WORK GLOVES
OTHER	NONE

Section 11. STORAGE CONDITIONS

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

Section 12. SHIPPING INFORMATION

PROPER SHIPPING NAME	CARTRIDGES, POWER DEVICE OR CARTRIDGES, OIL WELL
HAZARD CLASS	1.4C
UN NUMBER /EXNUMBER	1.4C UN0278 USDOT EX-NUMBERS: EX2019032382 1.4C UN0276
DOT LABEL & PLACARD	DOT LABEL EXPLOSIVE 1.4C DOT PLACARD EXPLOSIVE 1.4 DOT LABEL EXPLOSIVE 1.4C DOT PLACARD EXPLOSIVE 1.4

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