

Reloading & Muzzle Loading Primers and Percussion Caps Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 09/04/2019 Revision date: 11/04/2020 Version: 2.0

1.1. Identification	
Due du et ferme	
Product form	: Article
Product name	: Reloading & Muzzle Loading Primers and Percussion Caps
Synonyms	: Remington® Kleanbore® centerfire percussion primers, EtronX® electric primers, 209 Premier® STS® shotshell primers, Remington® percussion caps, and Remington® 209ML
	primers
1.2. Recommended use and res	strictions on use
Recommended use	: Ammunition
Restrictions on use	: Uses other than listed on the manufacturer product label
1.3. Supplier	
Ammunition Operations, LLC d/b/a Rei	nington Ammunition
2592 AR Hwy 15N	
Lonoke, AR 72086	
T 1-800-635-7656	
1.4. Emergency telephone num	ber
Emergency number	: CHEMTREC 1-800-424-9300 (Inside US), 01-703-527-3887 (Outside the US) Day or night
(Transportation Incidents Only)	ication
SECTION 2: Hazard(s) identif 2.1. Classification of the substa	
GHS US classification	
Expl. 1.4 H204	Fire or projection hazard
Carc. 1B H350	May cause cancer
STOT RE 2 H373	May cause damage to organs through prolonged or repeated exposure
Aquatic Acute 2 H401	Toxic to aquatic life
Aquatic Chronic 2 H411 Full text of hazard classes and H-state	Toxic to aquatic life with long lasting effects
GHS US labeling	ding precautionary statements
2.2. GHS Label elements, inclu GHS US labeling Hazard pictograms (GHS US)	ding precautionary statements
GHS US labeling	ding precautionary statements
GHS US labeling Hazard pictograms (GHS US) Signal word (GHS US)	: Danger : H204 - Fire or projection hazard
GHS US labeling Hazard pictograms (GHS US) Signal word (GHS US)	: Danger : H204 - Fire or projection hazard H350 - May cause cancer H373 - May cause damage to organs through prolonged or repeated exposure H401 - Toxic to aquatic life
GHS US labeling Hazard pictograms (GHS US)	: Danger : H204 - Fire or projection hazard H350 - May cause cancer H373 - May cause damage to organs through prolonged or repeated exposure
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	P401 - Store in accordance with P405 - Store locked up. P501 - Dispose of contents/con accordance with local, regional,	tainer to hazardous	or special waste collection point, in
2.3. Other hazards which do not	result in classification		
Other hazards not contributing to the classification	: None.		
2.4. Unknown acute toxicity (GHS Not applicable	S US)		
SECTION 3: Composition/Info	rmation on ingradiants		
3.1. Substances	initiation on ingredients		
lot applicable			
3.2. Mixtures			
Name	Product identifier	%	GHS US classification
Copper	(CAS-No.) 7440-50-8	5 - 88	Not classified
1,3-Benzenediol, 2,4,6-trinitro-, lead salt	(CAS-No.) 15245-44-0	1 - 7	Unst. Expl, H200 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Carc. 1B, H350 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Barium nitrate	(CAS-No.) 10022-31-8	1 - 4	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319
Antimony sulfide	(CAS-No.) 1345-04-6	0.1 - 2.5	Carc. 2, H351 STOT RE 2, H373
1-Tetrazene-1-carboximidic acid, 4-(aminoim nitrosohydrazide	ninomethyl)-, 2- (CAS-No.) 109-27-3	0 - 1	Unst. Expl, H200
	ents : see section 16		
SECTION 4: First-aid measures	S		
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general	S sures : If you feel unwell, seek medical	•	, ,
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general irst-aid measures after inhalation	S sures : If you feel unwell, seek medical : Remove person to fresh air and	•	, ,
SECTION 4: First-aid measures 1. Description of first aid meas First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	S sures : If you feel unwell, seek medical : Remove person to fresh air and : Wash skin with plenty of water.	keep comfortable for	, ,
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general irst-aid measures after inhalation irst-aid measures after skin contact irst-aid measures after eye contact	S sures : If you feel unwell, seek medical : Remove person to fresh air and	keep comfortable for aution.	or breathing.
SECTION 4: First-aid measures Description of first aid meas First-aid measures general First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	S : If you feel unwell, seek medical : Remove person to fresh air and : Wash skin with plenty of water. : Rinse eyes with water as a prece-	keep comfortable for aution.	or breathing.
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general irst-aid measures after inhalation irst-aid measures after skin contact irst-aid measures after eye contact irst-aid measures after ingestion .2. Most important symptoms an	S : If you feel unwell, seek medical : Remove person to fresh air and : Wash skin with plenty of water. : Rinse eyes with water as a prec : Call a poison center/doctor/phys nd effects (acute and delayed)	keep comfortable for aution. sician if you feel unv	or breathing.
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general irst-aid measures after inhalation irst-aid measures after skin contact irst-aid measures after eye contact irst-aid measures after ingestion .2. Most important symptoms an symptoms/effects	S : If you feel unwell, seek medical : Remove person to fresh air and : Wash skin with plenty of water. : Rinse eyes with water as a prec : Call a poison center/doctor/phys nd effects (acute and delayed)	keep comfortable for aution. sician if you feel unv	vell.
SECTION 4: First-aid measures 1. Description of first aid meas First-aid measures general First-aid measures after inhalation First-aid measures after eye contact First-aid measures after eye contact First-aid measures after ingestion 2. Most important symptoms and Symptoms/effects Chronic symptoms 3. Immediate medical attention	S Urres If you feel unwell, seek medical Remove person to fresh air and Wash skin with plenty of water. Rinse eyes with water as a prec Call a poison center/doctor/phys deffects (acute and delayed) Not expected to present a signification	keep comfortable for aution. sician if you feel unv	vell.
SECTION 4: First-aid measures .1. Description of first aid measures irst-aid measures general irst-aid measures after inhalation irst-aid measures after eye contact irst-aid measures after eye contact irst-aid measures after ingestion .2. Most important symptoms and symptoms/effects Chronic symptoms .3. Immediate medical attention lot applicable.	S : If you feel unwell, seek medical : Remove person to fresh air and : Wash skin with plenty of water. : Rinse eyes with water as a prec : Call a poison center/doctor/phys nd effects (acute and delayed) : Not expected to present a signif : May cause cancer. and special treatment, if necessary	keep comfortable for aution. sician if you feel unv	vell.
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general irst-aid measures after inhalation irst-aid measures after eye contact irst-aid measures after ingestion .2. Most important symptoms and symptoms/effects chronic symptoms .3. Immediate medical attention lot applicable. SECTION 5: Fire-fighting meas	S ures If you feel unwell, seek medical Remove person to fresh air and Wash skin with plenty of water. Rinse eyes with water as a prec Call a poison center/doctor/phys deffects (acute and delayed) Not expected to present a signif May cause cancer. And special treatment, if necessary SURES	keep comfortable for aution. sician if you feel unv	vell.
SECTION 4: First-aid measures 1. Description of first aid meas First-aid measures general First-aid measures after inhalation First-aid measures after eye contact First-aid measures after ingestion 2. Most important symptoms and Symptoms/effects Chronic symptoms 3. Immediate medical attention Not applicable. SECTION 5: Fire-fighting meas 3. Suitable (and unsuitable) exercise	S ures If you feel unwell, seek medical Remove person to fresh air and Wash skin with plenty of water. Rinse eyes with water as a prec Call a poison center/doctor/phys deffects (acute and delayed) Not expected to present a signif May cause cancer. Mand special treatment, if necessary SURES tinguishing media	keep comfortable for aution. sician if you feel unv ïcant hazard under	vell.
SECTION 4: First-aid measures .1. Description of first aid meas irst-aid measures general irst-aid measures after inhalation irst-aid measures after eye contact irst-aid measures after ingestion .2. Most important symptoms and symptoms/effects Chronic symptoms .3. Immediate medical attention lot applicable. SECTION 5: Fire-fighting meas .1. Suitable (and unsuitable) extra suitable extinguishing media	S S S S S S S S S S S S S S S S S S S	keep comfortable for aution. sician if you feel unv ïcant hazard under	vell.
SECTION 4: First-aid measures A. Description of first aid measures irst-aid measures general irst-aid measures after inhalation irst-aid measures after eye contact irst-aid measures after ingestion A. Most important symptoms an symptoms/effects Chronic symptoms Immediate medical attention lot applicable. SECTION 5: Fire-fighting measures A. Suitable (and unsuitable) extended Busuitable extinguishing media	S ures If you feel unwell, seek medical Remove person to fresh air and Wash skin with plenty of water. Rinse eyes with water as a prece Call a poison center/doctor/phys deffects (acute and delayed) Not expected to present a signif May cause cancer. And special treatment, if necessary SURES tinguishing media Water spray. Dry powder. Foam Not determined.	keep comfortable for aution. sician if you feel unv ïcant hazard under	vell.
SECTION 4: First-aid measures Sectiption of first aid measures Sirst-aid measures general Sirst-aid measures after inhalation Sirst-aid measures after inhalation Sirst-aid measures after skin contact Sirst-aid measures after eye contact Sirst-aid measures after ingestion Sirst-aid measures Sirst-aid measures Sirst-aid measures Sirst-aid measures Sirst-aid measures Sirst-aid measures Sirst-aid measures	S ures If you feel unwell, seek medical Remove person to fresh air and Wash skin with plenty of water. Rinse eyes with water as a prec Call a poison center/doctor/phys deffects (acute and delayed) Not expected to present a signif May cause cancer. And special treatment, if necessary SURES tinguishing media Water spray. Dry powder. Foam Not determined. The chemical	keep comfortable for aution. sician if you feel unv ïcant hazard under	vell.
SECTION 4: First-aid measures SECTION 4: First-aid measures Sector S	S Ures If you feel unwell, seek medical Remove person to fresh air and Wash skin with plenty of water. Rinse eyes with water as a prec Call a poison center/doctor/phys Id effects (acute and delayed) Rot expected to present a signif May cause cancer. And special treatment, if necessary SURES Tinguishing media Rot expray. Dry powder. Foam Not determined. In the chemical Rot Explosion risk in case of fire.	keep comfortable for aution. sician if you feel unv ïcant hazard under	vell.
SECTION 4: First-aid measures Sectification of first aid measures Sectification of first aid measures Sectification of first aid measures Sectification measures after inhalation Sectification measures after skin contact Sectification measures after eye contact Sectification measures after ingestion Sectification Sec	S ures i If you feel unwell, seek medical i Remove person to fresh air and i Wash skin with plenty of water. i Rinse eyes with water as a prece i Call a poison center/doctor/phys nd effects (acute and delayed) i Not expected to present a signif i May cause cancer. and special treatment, if necessary SUIPS tinguishing media i Water spray. Dry powder. Foam i Not determined. m the chemical i Explosion risk in case of fire. i Fire or projection hazard.	keep comfortable for aution. sician if you feel unv ïcant hazard under	vell.
SECTION 4: First-aid measures Sectification of first aid measures Sectification of first aid measures First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after eye contact First-aid measures after eye contact First-aid measures after ingestion Image: Section of the symptoms Section symptoms	S S S S S S S S S S S S S S S S S S S	keep comfortable fe aution. sician if you feel unv ïcant hazard under	vell.

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SECTIO	SECTION 6: Accidental release measures			
	Personal precautions, protective equipment and emergency procedures			
6.1.1. F	For non-emergency p	personnel		
				noking. Do not breathe dust/fume/gas/mist/vapors/spray. n suitable protective equipment may intervene. Evacuate
6.1.2. F Protective e	For emergency respo equipment	onders	Do not attempt to take action without s refer to section 8: "Exposure controls/g	suitable protective equipment. For further information personal protection".
6.2. E	Environmental preca	utions		
Avoid relea	ase to the environmen	nt. Notify authorities	if product enters sewers or public wate	rs.
6.3. N	Methods and materia	al for containment	and cleaning up	
For contain	nment	:	Collect spillage.	
		:		ers or public waters. In case of large spillages: Shovel or er for disposal. Small quantities of liquid spill: take up in nd shovel into container for disposal.
Other inform	mation	:	Dispose of materials or solid residues	at an authorized site.
6.4. R	Reference to other se	ections		
For further	information refer to se	ection 13.		
SECTIO	N 7: Handling an	nd storage		
	N 7: Handling an Precautions for safe			
7.1. P			flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan	ation. Keep away from heat, hot surfaces, sparks, open smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation.
7.1. P	Precautions for safe s for safe handling		flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed works	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke
7.1. P Precautions	Precautions for safe s for safe handling easures	handling : :	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed works Separate work clothes from street clot	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke
7.1. P Precautions	Precautions for safe s for safe handling easures Conditions for safe s	handling	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed worke Separate work clothes from street clot when using this product. Always wash	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product.
7.1.PPrecautionsHygiene me7.2.	Precautions for safe s for safe handling easures Conditions for safe s measures	handling	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed works Separate work clothes from street clot when using this product. Always wash any incompatibilities	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product.
7.1. P Precautions Hygiene me 7.2. Technical n Storage con	Precautions for safe s for safe handling easures Conditions for safe s measures inditions	handling	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed worke Separate work clothes from street clot when using this product. Always wash any incompatibilities Ground/bond container and receiving of Store locked up. Store in a well-ventila	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product.
7.1. P Precautions Hygiene me 7.2. C Technical m Storage con SECTION	Precautions for safe s for safe handling easures Conditions for safe s measures inditions N 8: Exposure co	handling	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed worke Separate work clothes from street clot when using this product. Always wash any incompatibilities Ground/bond container and receiving of Store locked up. Store in a well-ventila	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product.
7.1. P Precautions Hygiene me 7.2. C Technical m Storage con SECTION 8.1. C	Precautions for safe s for safe handling easures Conditions for safe s measures inditions N 8: Exposure co Control parameters	handling	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed worke Separate work clothes from street clot when using this product. Always wash any incompatibilities Ground/bond container and receiving of Store locked up. Store in a well-ventila	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product.
7.1. P Precautions Hygiene me 7.2. C Technical m Storage con SECTION 8.1. C Copper (1)	Precautions for safe s for safe handling easures Conditions for safe s measures inditions N 8: Exposure co	handling storage, including ontrols/person	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed worke Separate work clothes from street clot when using this product. Always wash any incompatibilities Ground/bond container and receiving of Store locked up. Store in a well-ventilant and protection	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do /spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product. equipment. ted place. Keep cool.
7.1. P Precautions Hygiene me 7.2. C Technical m Storage con SECTION 8.1. C	Precautions for safe s for safe handling easures Conditions for safe s measures inditions N 8: Exposure co Control parameters	handling	flames and other ignition sources. No equipment. Do not subject to grinding, not breathe dust/fume/gas/mist/vapors been read and understood. Limit quan and limit the number of exposed worke Separate work clothes from street clot when using this product. Always wash any incompatibilities Ground/bond container and receiving of Store locked up. Store in a well-ventilant and protection	smoking. Ground/bond container and receiving shock, friction. Wear personal protective equipment. Do s/spray. Do not handle until all safety precautions have tities of product at the minimum necessary for handling ers. Provide local exhaust or general room ventilation. hes. Launder separately. Do not eat, drink or smoke hands after handling the product.

Zinc (7440-66-6)
Not applicable
Iron (7439-89-6)
1011 (1433-63-6)
Not applicable
1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)
Not applicable
1-Tetrazene-1-carboximidic acid, 4-(aminoiminomethyl)-, 2-nitrosohydrazide (109-27-3)
Not applicable
Not applicable Antimony sulfide (1345-04-6)
Antimony sulfide (1345-04-6)

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8.2. Appropriate engineering controls Appropriate engineering controls : Ensure good ventilation of the work station. Environmental exposure controls : Avoid release to the environment. 8.3. Individual protection measures/Personal protective equipment
3 Individual protection measures/Personal protective equipment
יייט איז

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties Information on basic physical and chemical properties 9.1. Physical state : Solid Color : No data available Odor : No data available Odor threshold : No data available pН : No data available Melting point No data available Freezing point : Not applicable Boiling point No data available : Not applicable Flash point Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Not flammable. Vapor pressure : No data available Relative vapor density at 20 °C No data available Relative density : Not applicable Solubility : No data available Log Pow No data available Auto-ignition temperature : Not applicable Decomposition temperature : No data available Viscosity, kinematic : Not applicable Viscosity, dynamic No data available Explosion limits Not applicable Explosive properties No data available : Oxidizing properties : No data available

9.2. Other information No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity Fire or projection hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. On combustion, forms: carbon oxides (CO and CO2).

SECTION 11: Toxicological information 11.1. Information on toxicological effects

Acute toxicity

: Oral: Not classified.

1,3-Benzenediol, 2,4,6-trinitro-, lead sa	alt (15245-44-0)
ATE US (oral)	500 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h
Antimony sulfide (1345-04-6)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.04 mg/l/4h
Barium nitrate (10022-31-8)	
LD50 oral rat	355 mg/kg
ATE US (oral)	355 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)			
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen		
In OSHA Hazard Communication Carcinogen list	Yes		
Antimony sulfide (1345-04-6)			
IARC group	3 - Not classifiable		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	: Not classified		
	 Not expected to present a significant hazard under anticipated conditions of normal use. May cause cancer. 		

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Toxic to aquatic life with long lasting effects. Toxic to aquatic life.
Copper (7440-50-8)	
LC50 fish 1	0.0068 - 0.0156 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	0.03 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

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Copper (7440-50-8)	
LC50 fish 2	< 0.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

12.2. Persistence and degradability	
Reloading & Muzzle Loading Primers and Percussion Caps	
Persistence and degradability Not established.	

12.3.	Bioaccumulative potential	
Reload	ding & Muzzle Loading Primers and Per	cussion Caps
Bioacc	cumulative potential	Not established.

12.4.	Mobility in soil		
Reload	Reloading & Muzzle Loading Primers and Percussion Caps		
Ecology	y - soil	Not established.	

12.5.	Other adverse effects	
Effect or	n global warming	Not established

SECTION 13: Disposal consideration	IS
13.1. Disposal methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In	accordance	with	DOT
	accordance	VVILII	001

Transport document description	: UN0044 Primers, cap type, 1.4S
UN-No.(DOT)	: UN0044
Proper Shipping Name (DOT)	: Primers, cap type
Class (DOT)	: 1.4 - Class 1.4 - Explosives (with no significant blast hazard) 49 CFR 173.50
Packing group (DOT)	: None
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 62
DOT Packaging Bulk (49 CFR 173.xxx)	: None
DOT Packaging Exceptions (49 CFR 173.xxx)	: None
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 25 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 100 kg
DOT Vessel Stowage Other	: 25 - Protected from sources of heat
Other information	: No supplementary information available.
Transport by sea	
Transport document description (IMDG)	: UN 0044 PRIMERS, CAP TYPE, 1.4S
UN-No. (IMDG)	: 0044
Proper Shipping Name (IMDG)	: PRIMERS, CAP TYPE
Class (IMDG)	: 1 - Explosives

Limited quantities (IMDG)

: 0

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Air transport

Transport document description (IATA)	: UN 0044 Primers, cap type, 1.4S
UN-No. (IATA)	: 0044
Proper Shipping Name (IATA)	: Primers, cap type
Class (IATA)	: 1 - Explosive

SECTION 15: Regulatory information	
15.1. US Federal regulations	
Reloading & Muzzle Loading Primers and Percussion Caps	
SARA Section 311/312 Hazard Classes	Physical hazard - Explosive Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure)

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Copper	CAS-No. 7440-50-8	5 - 88%
Zinc	CAS-No. 7440-66-6	4 - 48%

Copper (7440-50-8)	
CERCLA RQ	5000 lb no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 μm
Zinc (7440-66-6)	
CERCLA RQ	454 kg no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 μm

15.2. International regulations

CANADA
Copper (7440-50-8)
Listed on the Canadian DSL (Domestic Substances List)
Zinc (7440-66-6)
Listed on the Canadian DSL (Domestic Substances List)
Iron (7439-89-6)
Listed on the Canadian DSL (Domestic Substances List)
1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)
Listed on the Canadian DSL (Domestic Substances List)
1-Tetrazene-1-carboximidic acid, 4-(aminoiminomethyl)-, 2-nitrosohydrazide (109-27-3)
Listed on the Canadian NDSL (Non-Domestic Substances List)
Antimony sulfide (1345-04-6)
Listed on the Canadian DSL (Domestic Substances List)
Barium nitrate (10022-31-8)
Listed on the Canadian DSL (Domestic Substances List)
EU-Regulations
Copper (7440-50-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Zinc (7440-66-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Iron (7439-89-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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1-Tetrazene-1-carboximidic acid, 4-(aminoiminomethyl)-, 2-nitrosohydrazide (109-27-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Antimony sulfide (1345-04-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Barium nitrate (10022-31-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Reloading & Muzzle Loading Primers and Percussion Caps

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

Copper (7440-50-8)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) Listed on the TCSI (Taiwan Chemical Substance Inventory)

Zinc (7440-66-6)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) Listed on the TCSI (Taiwan Chemical Substance Inventory)

Iron (7439-89-6)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) Listed on the TCSI (Taiwan Chemical Substance Inventory)

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Japanese Poisonous and Deleterious Substances Control Law Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory)

1-Tetrazene-1-carboximidic acid, 4-(aminoiminomethyl)-, 2-nitrosohydrazide (109-27-3)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on NZIoC (New Zealand Inventory of Chemicals)

Antimony sulfide (1345-04-6)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on NZIOC (New Zealand Inventory of Chemicals and Chemical Substances) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals) Listed on the TCSI (Taiwan Chemical Substance Inventory)

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Barium nitrate (10022-31-8)	
Listed on the AICS (Australian Inventory of Chemical Substances)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory	
Listed on the Japanese ISHL (Industrial Safety and Health Law)	
Listed on the Korean ECL (Existing Chemicals List)	
Listed on NZIoC (New Zealand Inventory of Chemicals)	
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Japanese Poisonous and Deleterious Substances Control Law	
Listed on INSQ (Mexican National Inventory of Chemical Substances)	
Listed on CICR (Turkish Inventory and Control of Chemicals)	
Listed on the TCSI (Taiwan Chemical Substance Inventory)	

Reloading & Muzzle Loading Primers and Percussion Caps		
U.S California - Proposition 65 - Other information	California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm	

Copper (7440-50-8)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

Zinc (7440-66-6)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

Barium nitrate (10022-31-8)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

SECTION 16: Other information

Revision date Other information

: 11/04/2020

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
Expl. 1.4	Explosive Category 1.4
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Ox. Sol. 2	Oxidizing solids Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
Unst. Expl	Unstable explosives
H200	Unstable explosive
H204	Fire or projection hazard
H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H319	Causes serious eye irritation
H332	Harmful if inhaled
H350	May cause cancer
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.