Powerloads, Standard Priming

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 03/24/2020 Version: 2.0

Superseeds Date: 02/10/2016

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Powerloads

SKUs: All standard powerloads – 22, 25, 27 caliber

Intended Use of the Product

Power tool cartridge, powder acuated tool cartridge

Name, Address, and Telephone of the Responsible Party

Company

Federal Cartridge Company d/b/a CCI/Speer
2299 Snake River Avenue
Lewiston, ID 83501
T 1-800-635-7656
dangerous.goods@vistaoutdoor.com

Emergency Telephone Number

Emergency number : 1-800-424-9300 (Inside US), 01-703-527-3887 (Outside US) - (CHEMTREC, Day or Night)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Physical Hazards:	Explosives	Division 1.4S
Health Hazards:	Acute Toxicity (Oral)	Category 3
	Skin Sensitization	Category 1A
	Carcinogenicity	Category 2
	Reproductive Toxicity	Category 1A
	Specific Target Organ Toxicity, Repeat Exposure	Category 1
	Specific Target Organ Toxicity, Repeat Exposure	Category 2

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :

Signal Word (GHS-US) : **DANGER**

Hazard Statements (GHS-US) : Fire or projection hazard. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs (central nervous system, blood, kidney, reproductive system) through prolonged or repeated exposure.

Precautionary Statements (GHS-US)

Prevention:

Do not handle until all safety precautions have been read and understood. Keep away from heat. No smoking. Do not subject to shock. Wear eye protection. Do not breathe fumes. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response:

In case of fire: Evacuate area. Fight fire with normal precautions from a reasonable distance. If exposed, concerned or you feel unwell: Call a doctor or get medical attention.

Storage**:** Store in accordance with applicable fire codes. Keep only in original packaging.

Disposal: Dispose of ammunition in accordance with local regulations.

Supplemental information: The hazardous components of this product are encased and are not biologically available. Therefore, some health hazards do not apply to the overall product. Decomposition products, including lead, are released during the firing of cartridges. Use only outdoors or in a well-ventilated area.

Other Hazards

Other Hazards Not Contributing to the Classification: Lead and barium are toxic metals that may be released during the firing of primers. Care should be taken in the cleaning of range facilities to minimize the exposure potential to lead and barium. Persons engaged in these activities should wear protective clothing with an appropriate respirator. Range operators should consult OSHA 1910.1025 for details pertaining to the handling of lead in the work environment. Severe lead intoxication has been associated in the past with sterility, spontaneous abortion, and stillbirth. Exposure to lead can aggravate pre-existing anemia, cardiovascular and respiratory diseases and conditions related to the gastrointestinal, reproductive, renal (kidney), and central nervous systems.
Accidental Injury From Fired Cartridge: Fired ammunition (even blanks or Powerloads) can create serious injury, possibly both entrance and exit wounds. To avoid serious injury, use ammunition only in good condition and originally chambered for a particular caliber. Always keep the barrel free of any obstruction. If the gun fails to fire, a delayed firing may occur, or the gun may fire upon being opened. Keep gun muzzle pointed in a safe direction. Wait 30 seconds. Avoid exposure to breech. Carefully unload. A fired bullet has an extremely long range and can cause serious injury or death. Always be sure of the backstop, and practice safe muzzle control at all times. Avoid firing at surfaces.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)
Copper	(CAS No) 7440-50-8	25-35
Zinc	(CAS No) 7440-66-6	2.5-25
Nitroglycerin	(CAS No) 55-63-0	7-25
Nitrocellulose	(CAS No) 9004-70-0	7-17
Barium	(CAS No) 7440-39-3	1-3
1,3-Benzenediol, 2,4,6-trinitro-, lead salt	(CAS No) 15245-44-0	1-2.5

The ecotoxicological information applies to the materials encased within the product.
Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
Inhalation: When symptoms occur: go into open air and ventilate suspected area. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Call a POISON CENTER/doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
Ingestion: Rinse mouth. Do not induce vomiting. Get medical advice and attention if you feel unwell.

Most Important Symptoms and Effects Both Acute and Delayed

General: Toxic if swallowed, in contact with skin or if inhaled. Projectiles from fired cartridges can cause puncture wounds. When cartridges are fired or otherwise discharged, dust, vapors, and/or fumes may be absorbed by the digestive system and can result in both acute and chronic overexposure. Ingestion of a complete primer can cause irritation to the digestive system, and possibly other unknown health effects.
Inhalation: Fatal if inhaled.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: Toxic if swallowed.
Chronic Symptoms: May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam, water fog or spray. Fight fire with normal precautions from a reasonable distance.

Unsuitable Extinguishing Media: Unsuitable Extinguishing Media: Fight fire with normal precautions from a reasonable distance.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: May ignite if heated to 250°F (121°C) causing projection of unconfined cartridges.

Explosion Hazard: Explosive. Explosion risk in case of fire.

Reactivity: May detonate with friction, impact, and heat.

Advice for Firefighters

Precautionary Measures Fire: Do not breathe fumes from fires or vapors from decomposition.

Firefighting Instructions: Exercise caution when fighting any chemical fire. Fight fire with normal precautions from a reasonable distance.

Protection During Firefighting: Firefighters should wear full protective gear when fighting or downwind of initial fire.

Hazardous Combustion Products: Metal oxides. Nitrogen oxides. Carbon oxides (CO, CO_2).

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid skin and eye contact. Do not breathe dust or fumes. Remove ignition sources. No naked lights. No smoking. Evacuate danger area. Do not allow product to spread into the environment.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Contain and collect as any solid. Use only non-sparking tools.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Projectiles from fired cartridges can cause puncture wounds. Remove cartridges from service if any of the following conditions have occurred: corrosion, physical damage, exposure to oil or spray type lubricants.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Do no eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Storage Area: Store locked up.

Specific End Use(s) power toll cartridge

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Copper (7440-50-8)		
USA ACGIH	ACGIH TWA (mg/m³)	0.2 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	1 mg/m³
USA NIOSH	NIOSH REL (TWA) (mg/m³)	0.1 mg/m³
USA IDLH	US IDLH (mg/m³)	100 mg/m³
Alberta	OEL TWA (mg/m³)	1 mg/m³
British Columbia	OEL TWA (mg/m³)	0.2 mg/m³
Manitoba	OEL TWA (mg/m³)	0.2 mg/m³
New Brunswick	OEL TWA (mg/m³)	1 mg/m³
Newfoundland & Labrador	OEL TWA (mg/m³)	0.2 mg/m³
Nova Scotia	OEL TWA (mg/m³)	0.2 mg/m³
Nunavut	OEL STEL (mg/m³)	2 mg/m³
Nunavut	OEL TWA (mg/m³)	1 mg/m³
Northwest Territories	OEL STEL (mg/m³)	2 mg/m³
Northwest Territories	OEL TWA (mg/m³)	1 mg/m³
Ontario	OEL TWA (mg/m³)	1 mg/m³
Prince Edward Island	OEL TWA (mg/m³)	0.2 mg/m³
Québec	VEMP (mg/m³)	1 mg/m³
Saskatchewan	OEL STEL (mg/m³)	3 mg/m³
Saskatchewan	OEL TWA (mg/m³)	1 mg/m³
Yukon	OEL STEL (mg/m³)	2 mg/m³
Yukon	OEL TWA (mg/m³)	1 mg/m³

Nitroglycerin (55-63-0)		
Mexico	OEL TWA (mg/m³)	0.5 mg/m³
Mexico	OEL TWA (ppm)	0.05 ppm
Mexico	OEL STEL (mg/m³)	1 mg/m³
Mexico	OEL STEL (ppm)	0.1 ppm
USA ACGIH	ACGIH TWA (ppm)	0.05 ppm
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	2 mg/m³
USA OSHA	OSHA PEL (Ceiling) (ppm)	0.2 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m³)	0.1 mg/m³
USA IDLH	US IDLH (mg/m³)	75 mg/m³
Alberta	OEL TWA (mg/m³)	0.5 mg/m³
Alberta	OEL TWA (ppm)	0.05 ppm
British Columbia	OEL TWA (ppm)	0.05 ppm
Manitoba	OEL TWA (ppm)	0.05 ppm
New Brunswick	OEL TWA (mg/m³)	0.46 mg/m³
New Brunswick	OEL TWA (ppm)	0.05 ppm
Newfoundland & Labrador	OEL TWA (ppm)	0.05 ppm
Nova Scotia	OEL TWA (ppm)	0.05 ppm
Nunavut	OEL STEL (mg/m³)	0.46 mg/m³
Nunavut	OEL STEL (ppm)	0.05 ppm
Nunavut	OEL TWA (mg/m³)	1.9 mg/m³
Nunavut	OEL TWA (ppm)	0.02 ppm
Northwest Territories	OEL STEL (mg/m³)	0.46 mg/m³
Northwest Territories	OEL STEL (ppm)	0.05 ppm
Northwest Territories	OEL TWA (mg/m³)	1.9 mg/m³
Northwest Territories	OEL TWA (ppm)	0.02 ppm
Ontario	OEL TWA (ppm)	0.05 ppm

Prince Edward Island	OEL TWA (ppm)	0.05 ppm
Québec	PLAFOND (mg/m³)	1.86 mg/m³
Québec	PLAFOND (ppm)	0.2 ppm
Saskatchewan	OEL STEL (ppm)	0.15 ppm
Saskatchewan	OEL TWA (ppm)	0.05 ppm
Yukon	OEL STEL (mg/m³)	2 mg/m³
Yukon	OEL STEL (ppm)	0.2 ppm
Yukon	OEL TWA (mg/m³)	2 mg/m³
Yukon	OEL TWA (ppm)	0.2 ppm

Barium (7440-39-3)		
USA ACGIH	ACGIH TWA (mg/m³)	0.5 mg/m³
Alberta	OEL TWA (mg/m³)	0.5 mg/m³
British Columbia	OEL TWA (mg/m³)	0.5 mg/m³
Manitoba	OEL TWA (mg/m³)	0.5 mg/m³
New Brunswick	OEL TWA (mg/m³)	0.5 mg/m³
Newfoundland & Labrador	OEL TWA (mg/m³)	0.5 mg/m³
Nova Scotia	OEL TWA (mg/m³)	0.5 mg/m³
Ontario	OEL TWA (mg/m³)	0.5 mg/m³
Prince Edward Island	OEL TWA (mg/m³)	0.5 mg/m³
Saskatchewan	OEL STEL (mg/m³)	1.5 mg/m³
Saskatchewan	OEL TWA (mg/m³)	0.5 mg/m³

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective goggles. Protective clothing.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wash contaminated clothing before reuse.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Solid
Appearance	:	Not available
Odor	:	Not available
Odor Threshold	:	Not available
pH	:	Not available
Evaporation Rate	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	Not available
Flash Point	:	Not available
Auto-ignition Temperature	:	Not available

Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not available
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available
Relative Vapor Density at 20 °C	:	Not available
Relative Density	:	Not available
Specific Gravity	:	Not available
Solubility	:	Not available
Partition coefficient: n-octanol/water	:	Not available
Viscosity	:	Not available
Explosive properties	:	Fire or projection hazard
Explosion Data – Sensitivity to Mechanical Impact	:	Sensitive to mechanical impact
Explosion Data – Sensitivity to Static Discharge	:	Not sensitive

SECTION 10: STABILITY AND REACTIVITY

Reactivity: May detonate with friction, impact, and heat. WILL PROPAGATE OUTSIDE OF ORIGINAL PACKAGING.

Chemical Stability: Risk of explosion by shock, friction, fire or other sources of ignition.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Heat. Sparks. Open flame. Overheating. Extremely high or low temperatures. Direct sunlight.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Fatal if swallowed. Fatal if inhaled.

LD50 and LC50 Data:

Powerloads	
ATE US (oral)	5.00 mg/kg body weight
ATE US (dermal)	50.00 mg/kg body weight
ATE US (dust, mist)	0.05 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

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Fatal if inhaled.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: Fatal if swallowed.

Chronic Symptoms: May damage fertility. May cause cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Nitrocellulose (9004-70-0)	
LD50 Oral Rat	5000 mg/kg

Nitroglycerin (55-63-0)	
LD50 Oral Rat	105 mg/kg
LD50 Dermal Rabbit	> 280 mg/kg

ATE US (dust, mist)	0.05 mg/l/4h

Barium (7440-39-3)	
LD50 Oral Rat	132 mg/kg

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)	
ATE US (oral)	500.00 mg/kg body weight
ATE US (dust, mist)	1.50 mg/l/4h

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: The ecotoxicological information applies to the materials encased within the product..

Zinc (7440-66-6)	
LC50 Fish 1	2.16 - 3.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0.139 - 0.908 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC 50 Fish 2	0.211 - 0.269 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])

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])
EC50 Other Aquatic Organisms 1	0.0426 - 0.0535 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata [static])
LC 50 Fish 2	0.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Other Aquatic Organisms 2	0.031 - 0.054 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata [static])

Nitroglycerin (55-63-0)	
LC50 Fish 1	LC50 Fish 1
EC50 Daphnia 1	EC50 Daphnia 1
LC 50 Fish 2	LC 50 Fish 2
EC50 Daphnia 2	EC50 Daphnia 2

Persistence and Degradability

Powerloads	
Persistence and Degradability	Not established. May cause long-term adverse effects in the environment.

Copper (7440-50-8)	
Persistence and Degradability	Not readily biodegradable.

Bioaccumulative Potential

Powerloads	
Bioaccumulative Potential	Not established.

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

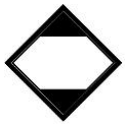
14.1 In Accordance with DOT

The environmentally hazardous substance mark is not required when transported in sizes of .5 L or ≤5 kg.

Proper Shipping Name : CARTRIDGES FOR TOOLS, BLANK
Hazard Class : 1.4S
Identification Number : UN0014
Label Codes : 1.4S
Packing Group : II
ERG Number : 114

14.1 In Accordance with DOT – Limited Quantity

Proper Shipping Name : CARTRIDGES FOR TOOLS, BLANK
Hazard Class : 1.4S
Identification Number : UN0014
Label Codes : None
Packing Group : None
ERG Number : 114



14.2 In Accordance with IMDG

Proper Shipping Name : CARTRIDGES FOR TOOLS, BLANK
Hazard Class : 1
Identification Number : UN0014
Label Codes : 1.4S
EmS-No. (Fire) : F-B
EmS-No. (Spillage) : S-X
MFAG Number : 114

14.3 In Accordance with IATA

Proper Shipping Name : Check with air carrier prior to shipment via air.
Identification Number :
Hazard Class :
Label Codes :
ERG Code (IATA) :

14.4 In Accordance with TDG

Proper Shipping Name : CARTRIDGES FOR TOOLS, BLANK
Packing Group : None
Hazard Class : 1.4S
Identification Number : UN0014
Label Codes : 1.4S

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Powerloads	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Sudden release of pressure hazard

Zinc (7440-66-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 % (dust or fume only)

Nitrocellulose (9004-70-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

1-Tetrazene-1-carboximidic acid, 4-(aminoiminomethyl)-, 2-nitrosohydrazide (109-27-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Nitroglycerin (55-63-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 %

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Copper (7440-50-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 %

Barium (7440-39-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313	
SARA Section 313 - Emission Reporting	1.0 %

US State Regulations

Nitrocellulose (9004-70-0)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance 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

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

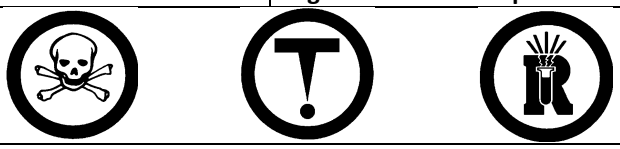
Copper (7440-50-8)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

Nitroglycerin (55-63-0)
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

Barium (7440-39-3)
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

Canadian Regulations

Powerloads	
WHMIS Classification	Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class F - Dangerously Reactive Material **Note: Explosives are not regulated under WHMIS. They are subject to the regulations of the Explosives Act of Canada.**



Zinc (7440-66-6)	
Listed on Canadian DSL (Domestic Sustances the List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Nitrocellulose (9004-70-0)	
Listed on Canadian DSL (Domestic Sustances the List)	
WHMIS Classification	**Note: Explosives are not regulated under WHMIS. They are subject to the regulations of the Explosives Act of Canada.**

1,3-Benzenediol, 2,4,6-trinitro-, lead salt (15245-44-0)
Listed on Non-Domestic Substances List (NDSL)

Nitroglycerin (55-63-0)	
Listed on Canadian DSL (Domestic Sustances the List)	
WHMIS Classification	**Note: Explosives are not regulated under WHMIS. They are subject to the regulations of the Explosives Act of Canada.**

Copper (7440-50-8)	
Listed on the Canadian DSL (Domestic Sustances List) Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Barium (7440-39-3)	
Listed on the Canadian DSL (Domestic Sustances List)	
WHMIS Classification	Class B Division 6 - Reactive Flammable Material Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 03/24/2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

Federal Cartridge Company
900 Ehlen Drive
Anoka, MN 55303
1-800-635-7656

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.

North America GHS US 2012 & WHMIS 2