

### Safety Data Sheet

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

Date of issue: 09/23/2019 Revision date: 11/04/2020 Version: 3.0

#### **SECTION 1: Identification**

1.1. Identification

Product form : Article

Product name : Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs

Synonyms : Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs / Remington Disintegrator® Loads /

Remington Disintegrator® Slug Loads / Tactical Breaching Frangible Buckshot Loads

1.2. Recommended use and restrictions 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 Remington Ammunition

2592 AR Hwy 15N Lonoke, AR 72086 T 1-800-635-7656

1.4. Emergency telephone number

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

(Transportation Incidents Only)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

**GHS US classification** 

Expl. 1.4 H204 Fire or projection hazard

Full text of hazard classes and H-statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

#### **GHS US labeling**

Hazard pictograms (GHS US)



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H204 - Fire or projection hazard

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P240 - Ground/Bond container and receiving equipment.

P250 - Do not subject to grinding/shock/friction.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P370+P380 - In case of fire: Evacuate area.

P372 - Explosion risk in case of fire.

P373 - DO NOT fight fire when fire reaches explosives.

P374 - Fight fire with normal precautions from a reasonable distance. P401 - Store in accordance with local regulations on explosives.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification

: This product is considered an explosive article. Each product covered by this Safety Data Sheet is sealed ammunition. The ammunition contains hazardous substances, which under normal conditions of use are not in contact with the user. If the item is fractured or intentionally disassembled prior to actuation, exposure to the contents of this ammunition may cause the following health effects. Toxic if swallowed or in contact with skin and harmful if inhaled, and may damage organs through repeated exposure. May be harmful to aquatic life with long lasting effects.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

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#### SECTION 3: Composition/Information on ingredients

#### **Substances**

Not applicable

#### 3.2. **Mixtures**

Name	Product identifier	%	GHS US classification	
Nitrocellulose	(CAS-No.) 9004-70-0	1 - 7.5	Expl. 1.1, H201	
Copper	(CAS-No.) 7440-50-8	0.5 - 7.5	Not classified	
Cellulose	(CAS-No.) 9004-34-6 0 - 5		Comb. Dust	
Zinc	(CAS-No.) 7440-66-6	0.1 - 4	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
Nitroglycerin	(CAS-No.) 55-63-0	0.5 - 2.5	Unst. Expl, H200 Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation:dust,mist), H330 STOT RE 2, H373 Aquatic Chronic 2, H411	

Full text of hazard classes and H-statements : see section 16

#### **SECTION 4: First-aid measures**

#### **Description of first aid measures**

: If you feel unwell, seek medical advice (show the label where possible). First-aid measures general

: Remove person to fresh air and keep comfortable for breathing. First-aid measures after inhalation

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

: Call a poison center/doctor/physician if you feel unwell. First-aid measures after ingestion

#### Most important symptoms and effects (acute and delayed)

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

#### Immediate medical attention and special treatment, if necessary

Not applicable.

#### **SECTION 5: Fire-fighting measures**

#### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

#### 5.2. Specific hazards arising from the chemical

Explosion hazard : Explosion risk in case of fire.

#### Special protective equipment and precautions for fire-fighters

: Evacuate area. Do not fight fire when fire reaches explosives. Fight fire with normal precautions Firefighting instructions

from a reasonable distance.

Do not attempt to take action without suitable protective equipment. Self-contained breathing Protection during firefighting

apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : No open flames, no sparks, and no smoking. Evacuate unnecessary personnel.

#### For emergency responders

Protective equipment Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. **Environmental precautions**

Avoid release to the environment.

#### Methods and material for containment and cleaning up

Methods for cleaning up : Notify authorities if product enters sewers or public waters. In case of large spillages: Shovel or

sweep up and put in a closed container for disposal. Small quantities of liquid spill: take up in

non-combustible absorbent material and shovel into container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

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#### 6.4. Reference to other sections

For further information refer to section 13.

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Do not subject to grinding, shock, friction. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment. Storage conditions : Store in a well-ventilated place. Keep cool.

#### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs				
No additional information available				
Zinc (7440-66-6)				
No additional information available				
Iron (7439-89-6)				
No additional information available				
Nitrocellulose (9004-70-0)				
No additional information available				
Nitroglycerin (55-63-0)				
USA - ACGIH - Occupational Exposure Limits				
ACGIH TWA (ppm)	0.05 ppm			
ACGIH chemical category Skin - potential significant contribution to overall exposure by the cutaneous route				
USA - OSHA - Occupational Exposure Limits				
OSHA PEL (Ceiling) (mg/m³)	2 mg/m³			
OSHA PEL (Ceiling) (ppm)	0.2 ppm			
Limit value category (OSHA)	prevent or reduce skin absorption			
polyethylene (9002-88-4)				
No additional information available				
Polypropylene (9003-07-0)				
No additional information available				
Copper (7440-50-8)				
USA - ACGIH - Occupational Exposure Limits				
ACGIH TWA (mg/m³)	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)			
USA - OSHA - Occupational Exposure Limits				
OSHA PEL (TWA) (mg/m³)  0.1 mg/m³ (fume) 1 mg/m³ (dust and mist)				
Cellulose (9004-34-6)				
USA - ACGIH - Occupational Exposure Limits				
ACGIH TWA (mg/m³) 10 mg/m³				
USA - OSHA - Occupational Exposure Limits				
OSHA PEL (TWA) (mg/m³)	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)			

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

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#### 8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

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**

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Solid.
Color : Metallic
Odor : odorless

Odor threshold No data available рΗ : No data available No data available Melting point Freezing point : Not applicable **Boiling point** No data available Flash point Not applicable Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) Not flammable. Vapor pressure : No data available : No data available Relative vapor density at 20 °C 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 No data available Viscosity, dynamic : No data available : Not applicable **Explosion limits** : No data available Explosive properties

#### 9.2. Other information

Oxidizing properties

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.

#### 10.4. Conditions to avoid

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

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: No data available

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#### 10.5. Incompatible materials

No additional information available

#### 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
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Zinc (7440-66-6)			
LD50 oral rat 630 mg/kg			
ATE US (oral) 630 mg/kg body weight			
Nitrocellulose (9004-70-0)			
LD50 oral rat > 5 g/kg			
Nitroglycerin (55-63-0)			
LD50 oral rat	oral rat 100 mg/kg		
LD50 dermal rabbit	> 280 mg/kg		
ATE US (oral)	5 mg/kg body weight		
ATE US (dermal)	5 mg/kg body weight		
ATE US (dust, mist)	0.05 mg/l/4h		

Cellulose (9004-34-6)			
LD50 oral rat > 5 g/kg			
LC50 inhalation rat (mg/l)	> 5800 mg/m³ (Exposure time: 4 h)		

 Skin corrosion/irritation
 : Not classified

 Serious eye damage/irritation
 : Not classified

 Respiratory or skin sensitization
 : Not classified

 Germ cell mutagenicity
 : Not classified

 Carcinogenicity
 : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Nitroglycerin (55-63-0)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard Viscosity, kinematic	: Not classified : No data available
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

#### **SECTION 12: Ecological information**

1	2.1. I oxicity	
	Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

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])
LC50 fish 2	0.211 - 0.269 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])

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Nitroglycerin (55-63-0)			
LC50 fish 1	0.87 - 3.25 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])		
EC50 Daphnia 1	46 - 55 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
LC50 fish 2	0.87 - 2.21 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
EC50 Daphnia 2	38 - 55 mg/l (Exposure time: 48 h - Species: Daphnia magna [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])		
LC50 fish 2	< 0.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])		

#### 12.2. Persistence and degradability

Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs		
Persistence and degradability	Not established.	

#### 12.3. Bioaccumulative potential

Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs		
Bioaccumulative potential	Not established.	

#### 12.4. Mobility in soil

Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs		
Ecology - soil	Not established.	

#### 12.5. Other adverse effects

Effect on global warming Not established

#### **SECTION 13: Disposal considerations**

#### 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

Transport document description : UN0012 Cartridges, small arms, 1.4S

UN-No.(DOT) : UN0012

Proper Shipping Name (DOT) : Cartridges, small arms

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) : 63
DOT Quantity Limitations Passenger aircraft/rail : 25 kg
(49 CFR 173.27)

(40 011( 170.27)

DOT Quantity Limitations Cargo aircraft only (49 : 100 kg

CFR 175.75)

DOT Vessel Stowage Other : 25 - Protected from sources of heat
Other information : No supplementary information available.

Transport by sea

Transport document description (IMDG) : UN 0012 CARTRIDGES, SMALL ARMS, 1.4

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UN-No. (IMDG) : 0012

Proper Shipping Name (IMDG) : CARTRIDGES, SMALL ARMS

Class (IMDG) : 1 - Explosives

Limited quantities (IMDG) : 5 kg

#### Air transport

Transport document description (IATA) : UN 0012 Cartridges, small arms, 1.4S

UN-No. (IATA) : 0012

Proper Shipping Name (IATA) : Cartridges, small arms

Class (IATA) : 1 - Explosive

### **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs				
SARA Section 311/312 Hazard Classes		Physical hazard - Explosive		
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:				
polyethylene		CAS-No. 9002-88-4	15 - 30%	
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.				
Zinc		CAS-No. 7440-66-6	0.1 - 4%	
Nitroglycerin		CAS-No. 55-63-0	0.5 - 2.5%	
Copper		CAS-No. 7440-50-8	0.5 - 7.5%	
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			
Nitrocellulose (9004-70-0)				
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).			
Nitroglycerin (55-63-0)				
CERCLA RQ	10 lb	10 lb		
Polypropylene (9003-07-0)				
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).			
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 $\mu$ m			
Cellulose (9004-34-6)				
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).			

#### 15.2. International regulations

#### **CANADA**

Zinc (7440-66-6)	
Listed on the Canadian DSL (Domestic Substances List)	
Iron (7439-89-6)	
Listed on the Canadian DSL (Domestic Substances List)	
Nitrocellulose (9004-70-0)	
Listed on the Canadian DSL (Domestic Substances List)	
Nitroglycerin (55-63-0)	
Listed on the Canadian DSL (Domestic Substances List)	

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#### Polypropylene (9003-07-0)

Listed on the Canadian DSL (Domestic Substances List)

#### Copper (7440-50-8)

Listed on the Canadian DSL (Domestic Substances List)

#### Cellulose (9004-34-6)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

#### 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)

#### Nitroglycerin (55-63-0)

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

#### Copper (7440-50-8)

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

#### Cellulose (9004-34-6)

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

#### **National regulations**

#### Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs

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

#### Nitrocellulose (9004-70-0)

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)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

#### Nitroglycerin (55-63-0)

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)

Listed on PICCS (Philippines 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 the TCSI (Taiwan Chemical Substance Inventory)

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#### Polypropylene (9003-07-0)

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)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance 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)

#### Cellulose (9004-34-6)

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 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)

#### 15.3. US State regulations

Shotshell Ammunition; with FRANGIBLE Buckshot/Slugs	
U.S California - Proposition 65 - Other	California Proposition 65 - This product does not contain any substances known to the
information	state of California to cause cancer, developmental and/or reproductive harm

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
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
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
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
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
Cellulose(9004-34-6)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

#### **SECTION 16: Other information**

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Other information

: 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.

#### Full text of H-phrases:

Acute Tox. 1 (Dermal)	Acute toxicity (dermal) Category 1
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral) Category 2
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Comb. Dust	Combustible Dust
Expl. 1.1	Explosive Category 1.1
Expl. 1.4	Explosive Category 1.4
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
Unst. Expl	Unstable explosives
H200	Unstable explosive
H201	Explosive; mass explosion hazard
H204	Fire or projection hazard
H300	Fatal if swallowed
H310	Fatal in contact with skin
H330	Fatal if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very 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)

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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